

Environmental activities

The Kyushu Electric Power Company realizes that we cannot avoid producing environmental impacts, including CO₂ emissions, in the course of power generation. This is why we feel responsible for taking an active part in environmental conservation, especially in tackling environmental issues such as global warming.

Promotion of Environmental Management



For a more detailed report, please refer to the 2006 Kyushu Electric Power Environment Action Report

P9-13, P41-52

Kyushu Electric Power Environment Charter

The Kyushu Electric Power Environment Charter was established to define the stance and direction of environmental activities to be pursued.

Environment Action Plan

Kyushu Electric Power Group formulated its Environment Action Plan as a guideline for all employees to participate in the implementation of environmental management. To continue the secure implementation of environmental activities, the Action Plan is revised and improved every year based on several factors, including the evaluation of current social conditions and needs, the company's mid-term management policies and internal and external evaluations related to the company's environmental activities during the previous year. Under Kyushu Electric Power Environment Charter, we will promote environmental management in our CSR measures. (Refer to Page 23)

"Kyushu Electric Power Environment Charter"

"Towards an Environmentally Friendly Corporate Stance"

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

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

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

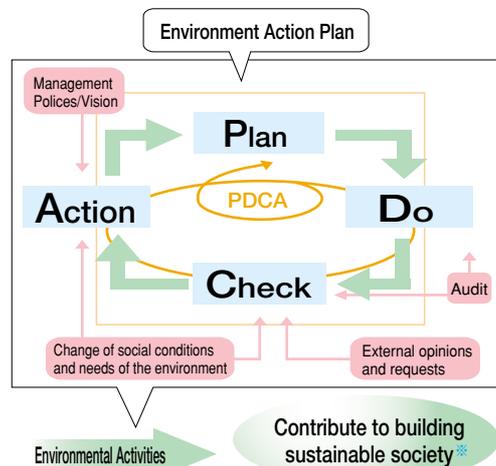
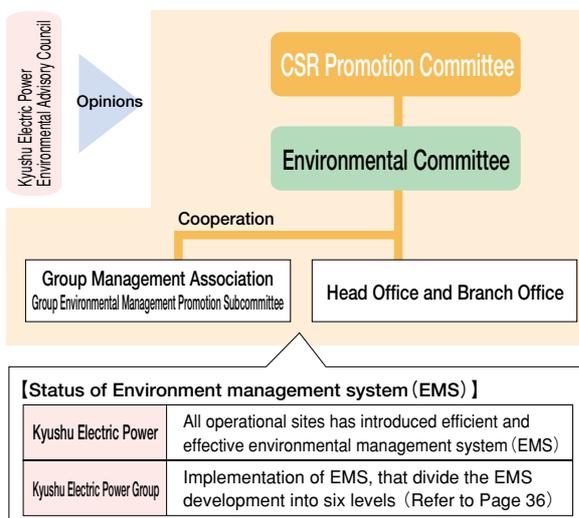
Promotional Scheme

Kyushu Electric Power Co., Inc. has structured a company-wide scheme for the implementation of environmental management

Environmental committee	
Objectives	To deliberate on the company's overall environmental activity strategies
Structure	Chairperson: Executive Vice President Members: Officers-in-charge, General Managers
Tasks	To discuss and draft environmental activity strategies and the Environment Action Plan, including the scope of managerial resources to be distributed to environmental management.

Kyushu Electric Power Environmental Advisory Council	
Objectives	To review independently environmental management efforts made by Kyushu Electric Power and its group companies
Structure	11 experts in various fields from each prefecture in Kyushu
Tasks	To evaluate overall environmental activities

Group Environmental Management Promotional Scheme



※ Consumption of the natural resource and environmental pollution are managed properly, making possible a long term maintenance at the level of economic activity and welfare.

Activity Items for FY2006	Main action plans for FY2006
Promotion of environmental management	○Solidify environment-oriented activities through effective EMS operation ○Increase the level of environmental management by actively using environmental accounting ○Promote and establish environmental management on a Kyushu Electric Power Group basis
Measures for global environmental issues	○Steady efforts to reduce GHG emissions ○Measures for energy and resource conservation at the office ○Promote low fuel consumption cars for company use ○Through recovery of SF ₆ ○Through recovery of regulated chlorofluorocarbon
Establishing a recycling society	○Effective and efficient promotion of zero emissions activities ○Green procurement promotion
Harmoniously coexisting with the local environment	○Promote the safe and proper management of PCBs ○Peeling thoroughly with asbestos ○Promotion of new environmental activities
Working with Society	○Active communications of environmental issues with parties concerned ○Develop Kyushu Homeland Forestation Program ○Promote collaborative activities with environmental NGOs and other groups

Environmental Management System

All operational sites have introduced efficient and effective environmental management systems (EMS).

At places of business, while seeking to meet targets in energy preservation and saving resources, we are striving for the management of environmental risks, such as the implementation of training for environmental accidents and the observance of environmental laws.

In addition to the ongoing support that the Environmental Affairs Department at our head office has been providing to business sites since FY2004-e.g., support for improving our internal environmental auditing* framework, reinforcing environmental activities, and support tailored to suit individual business sites' needs for raising environmental awareness-FY2005 saw the introduction of EMS training for environmental management* representatives and the administration office, through which we aim to raise the level of EMS operation.

Kyushu Electric Power Group's Environmental Management Promotional Scheme

As of the end of FY2005, the Kyushu Electric Power Group environmental management scheme covered 46 member companies of the Group Management Association. Within the association is the Group Environmental Management Promotion Subcommittee, which aims to promote environmental management within the group.

The Group has introduced unified standards, the

Kyushu Electric Power Group Standards for the implementation of EMS, dividing EMS development into six levels to help each company move towards achieving ISO14001 certification in stages.

In addition, the "Kyushu Electric Power Group Environmental Activity Plan" is set every year along with the "Group Environmental Target," which unites the group in tackling these issues.

▼ Status of Environmental Management System (EMS) Implementation at Group Companies

EMS Development Levels		Company Name	
6th level	ISO14001 certification acquisition	Nishinippon Environmental Energy Co.,Inc.	West Japan Engineering Consultants,Inc.
		KYUKI CORPORATION	NISHINIPPON AIRLINES CO.,LTD.
		Kyushu Environmental Management Corporation	KYUHEN Co.,Inc.
		KITAKYUSHU LIQUEFIED NATURAL GAS CO.,INC.	—
5th level	ISO14001 based system	Kyudenko Co.,Inc. (Head office only) *	Kyukoen Co.,Ltd. (Head office only) *
		Kyuden Sangyo Co.,Inc. (Environmental Affairs Dept.)*	Fukuoka Clean Energy Corporation (Tobu Plant) *
		SEISHIN Corporation (Head office only) *	—
4th level	ISO14001 based system	Oita Liquefied Natural Gas Co.,Inc. (company wide)	Fukuoka Energy Service Company, Incorporated (company wide)
3rd level	—	—	—
2nd level	—	KYUSHU CRYOGENICS CO.,LTD. (company wide)	Koyo Denki Kogyo Co.,Inc. (company wide)
1st level	—	35 group companies	

(Note) Regarding the 2nd through 5th levels of development, the highest development level for each company is used as its development level for listing (the five companies marked with*). The 35 companies in the first level of development include these five companies.

FY2006 Kyushu Electric Power Group Environmental Activity Plan

- I Group promotion of environmental management
 - 1 Establishment and reinforcement of Group's environmental management promotional scheme
 - 2 Comply with laws and regulations
 - 3 Accurate understanding of environmental data and implementation of target management
 - 4 Implementation of environmental education and sharing of environment-related information
- II Measures for global environmental issues
 - 1 Steady measures for reduction of GHG emissions
 - 2 Steady measures for reduction of regulated Freon emissions
- III Measures for the creation of a recycling society
 - 1 Promotion of recycling
 - 2 Promotion of green procurement
- IV Coordination with society
 - 1 Thorough disclosure of environment-related information

▼ Main Group Environmental Targets and Accomplishments

Items		Target	FY 2005 Records
Power consumption at office Quantity consumed per unit area		Under 137kWh/m ² or less (FY2010)	139.7kWh/m ²
In-house distribution (The special vehicle is excluded)	Rate of low-pollution vehicle use	50% or more (FY2010)	28%
	Specific Fuel consumption rate (fuel cost)	11km/ℓ or more (FY2010)	10.2km/ℓ
Recovery rate of SF ₆ *	At the time of apparatus check	98% or more	100%
	At the time of apparatus removal	99% or more	No record
Regulated Freon collection rate during equipment inspection		100%	100%
Recycling rate	Industrial waste	Approx. 85%	87%
	Old paper	100%	85%
Green procurement (use of recycled paper)	Photocopy paper	100%	86%
	Toilet paper	100%	90%

In addition, a qualitative target is established for the amount of paper and water usage.

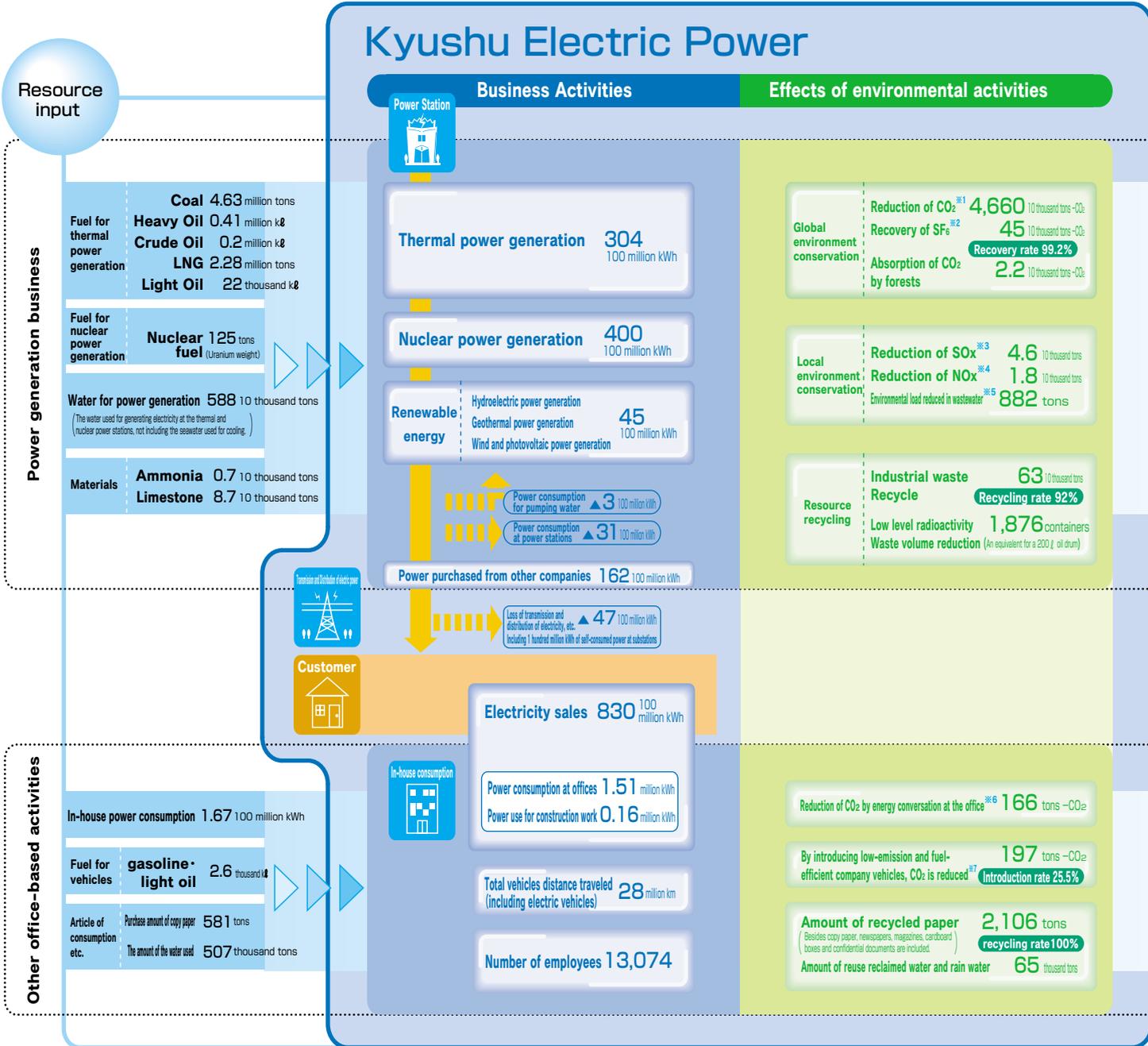
*Glossary / *Internal Environmental Auditing: A regular audit of the environmental management system to determine whether the system meets the ISO14001 standard and is operated and maintained properly.

* environmental management: The personal responsible for promoting environmental activities in each business office

*SF₆: Sulfur hexafluoride



FY2005 Business Activity and Environmental Activity Effect, Situation of Load



The Baseline of Environmental Activity Effect

- ※1: The baseline for the effects resulting from power generation and purchase refers to cases when thermal power (except for LNG) generated kWh replaces power generated from nuclear power, hydroelectric power, new energy sources, and LNG. As baseline for the facility efficiency improvement, thermal efficiency and transmission and distribution loss factor in FY1990 are used as baseline.
- ※2: Baseline refers to the case when SF₆ is not recovered at equipment checkups/removals.
- ※3: Baseline refers to the case when no desulfurization is carried out or non-usage of low-sulfur fuel at power stations.
- ※4: Baseline refers to the case when no denitration is carried out at power stations.
- ※5: Baseline refers to the case when no wastewater treatment is carried out at power stations.
- ※6: Baseline refers to the case when no improvement in energy-saving equipment is carried out at offices.
- ※7: Baseline refers to the case when no clean-energy or fuel-efficient vehicle is introduced.

Amount of environmental load

The amount of greenhouse gas emissions
CO₂ 3,060 10 thousand tons -CO₂
Within this number, the self consumption amount of electricity 6.1 million tons -CO₂ includes amount of electricity purchased from other companies.
N₂O 3.9 10 thousand tons -CO₂
HFC 0.08 10 thousand tons -CO₂
SF₆ 4.0 10 thousand tons -CO₂

Amount of air pollutant emission
SO_x 1.5 10 thousand tons
NO_x 2.7 10 thousand tons

Amount of wastewater **253** 10 thousand tons
(Including 56 tons of environmental load and 7 tons of COD)

The amount of industrial waste disposal **5.6** 10 thousand tons

Low level radio active waste increased amount **2,241** containers
(An Equivalent for 200 l oil drum)

* Calculation methods for CO₂ emission volume and CO₂ emission factors for electric utilities as defined under the Law Concerning the Promotion of Measure to Cope with Global Warming were not established as of the time of calculation of these figures.

CO₂ emissions **0.6** million tons -CO₂

Used paper disposed **0** ton

Clean water consumed **442** thousand tons

Environmental Accounting

The costs and benefits of environmental activities are taken into account in decision-making regarding environmental activity deployment and are disclosed to the stakeholders. We have tackled environmental accounting from FY2000 for the purpose of developing environmental activity more efficiently and effectively through the analysis.

Cost of environmental activities

The cost for environmental activities for FY2005 was 11.27 billion yen for investments and 45.44 billion yen for expenses.

The wastewater treatment for the construction of the Omarugawa power station and the effective utilization of coal ash at the Matsuura power station are both proceeding according to schedule, and at the end of construction on one section, the investment

amount was 3% lower than the previous year.

For the expense amount, we've increased the expense for purchasing electricity to promote new energy, but there was a 4% reduction compared to FY2004's PCB disposal fees.

Improvement in environmental management through the environmental accounting system

For efficient, effective environmental activity deployment, the environmental accounting system must evolve as a tool for promoting environmental management.

Furthermore, for the improvement of environmental management level and efficiency as a goal, we have implemented a new web-based environmental accounting system for FY2006.

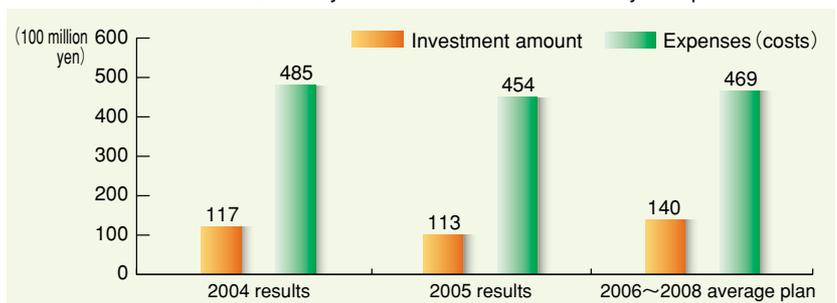
We are hoping to improve environmental efficiency* and environmental load reduction efficiency, and improve and develop the environmental accounting system further.

Actual cost of environmental activities (FY2005)

	Environmental activity cost (100 million yen)		Main environmental activities
	Investment amount	Expenses (costs)	
Global environmental conservation	2.7	75.3	Energy conservation activities, implementation of new energy facilities and assistance
Local environmental conservation	7.8	118.4	Prevention of air pollution, water pollution, and noise and vibration pollution
Resource recycling	34.4	135.1	Recycling and disposal of industrial and general waste
Environmental activity management	2.4	17.3	Application and Maintenance of Environmental Management System (EMS)
Research & Development	0.0	1.6	Environment-related research and development
Social activities	65.2	99.3	Greening of power stations and other sites, measures to install underground power lines and tree planting activities
Response to environmental impairment	—	7.2	Pollution load levy
Total	112.7	454.4	

(Note) Figures are rounded off and may not add up to the total.

Results of Environmental activity cost and environmental activity cost plans



* Glossary / * Environmental efficiency: The evaluation index from the viewpoint of the efficiency in environmental activity

Measures for Global Environmental Issues



For more details, please refer to the 2006 Kyushu Electric Power Environment Action Report

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Reducing Greenhouse Gas

By reducing the greenhouse gases in the power supply discharged from our business activities, we will take necessary measures to ensure the achievement of the targets set by the Japanese government following the Kyoto Protocol.

Setting a target for CO₂ emissions reduction

The target was established in correspondence with the FY2010 commitment set in the Kyoto Protocol to reduce CO₂ emissions.

Target (Commitment)

“20% reduction in FY2010 end-use CO₂ emissions intensity from FY1990”

CO₂ emissions during power generation

CO₂ emissions intensity in FY2005 were 0.368kg-CO₂/kWh, which is an 18% decrease from FY1990. Compared to FY2004, there was an increase of 0.037kg-CO₂/kWh (+11%) due to the increase amount of electricity rate and the decreased amount of hydroelectric power's electric ability due to a water shortage, and the maintenance of electricity by thermal power generation.

Promotion of Optimal Combination of power source

Although the sales amount of electric power increased about 1.5 times since 1990, CO₂ emissions have stopped at 1.2 times. This is due to containing the discharge amount of CO₂ in the amount of electric power generated, a raise the total thermal efficiency of thermal power stations effectiveness and nuclear power capacity factors, and promoting the development of electric power resources with nuclear power at its core.

High level maintenance of nuclear power capacity factors

Nuclear power accounts for 44% of total power generation and does not produce CO₂ during its power generation process, thus contributing to CO₂ emission reduction.

In FY2005, the rate of nuclear use was 86.8% by continuation of safe and stable operation, rated heat output fixed operation (operate maintaining at the rate of heat output accepted from the country). We will continue to operate in a safe and stable manner, and we will preserve the high level of nuclear power capacity factors for CO₂ emission reduction.

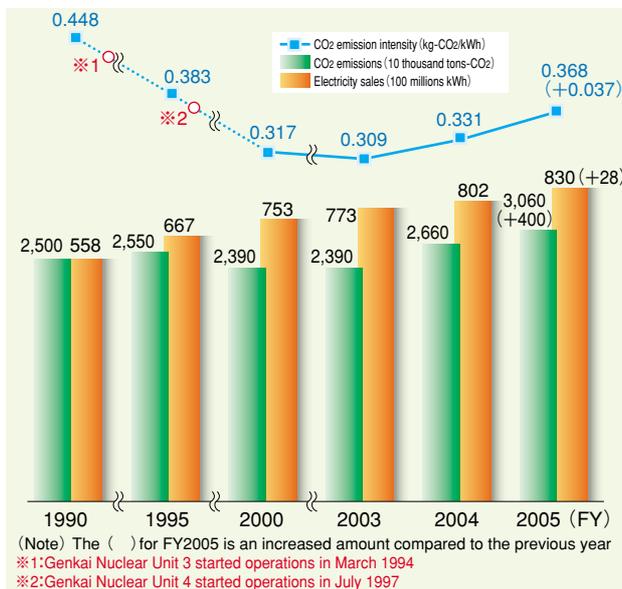
Maintenance/ improvement of Thermal Power Generation Facility Efficiency

Improved thermal efficiency of thermal power stations will lead to less fuel consumption, resulting in a reduction of CO₂ emissions. In FY2005, the total thermal efficiency of the company's thermal power stations maintained the highest level in our history. This is attributable to the operation of the new and advanced Reihoku Thermal Power Station Unit No. 2 and the greater use of highly-efficient power stations employing the combined cycle* power generation method, such as Shinoita Power Station.

Promotion of Renewable Energy Use

Through the development of geothermal and hydroelectric power, the installation of wind force and photovoltaic power generation by our company and the electricity purchased by our customers and businesses through their own wind force power generators, we have achieved 450 million kWh of electricity generated using new energy sources, or the standard amount of new energy utilization (minimum requirement) set under the Renewable Portfolio Standard (RPS)* in FY2005.

▼End-use CO₂ emission intensity, CO₂ emissions and electricity sales



▼Characteristics of power sources

Power Source	Characteristic
Nuclear	<input type="checkbox"/> Superior in fuel supply stability and prices. (No need to replace fuel for about one year, supply area is distributed widely, more efficient use of resources with nuclear fuel cycle.) <input type="checkbox"/> No CO ₂ emissions during power generation.
Renewable energy (Geothermal, Hydroelectric, new energy)	<input type="checkbox"/> Resources are filled up continuously and not drained. <input type="checkbox"/> CO ₂ emissions during power generation. Geothermal Hydraulic <input type="checkbox"/> Development area restrictions (amount). <input type="checkbox"/> Large environmental load incurred during dam construction. Wind and photovoltaic power <input type="checkbox"/> Output changes with weather conditions. <input type="checkbox"/> High costs.
Pumped storage	<input type="checkbox"/> Excels in the output adjustment capability over change of demand. <input type="checkbox"/> Large environmental load incurred during dam construction.
Coal fired thermal	<input type="checkbox"/> Excellent fuel supply stability and economic efficiency. (Much of this fuel is stored, supply area is distributed widely.) <input type="checkbox"/> CO ₂ , SO _x , and NO _x emitted during power generation
LNG fired thermal	<input type="checkbox"/> It is superior in stability of fuel supply. (Supply area is distributed widely.) <input type="checkbox"/> Lower CO ₂ emission during power generation compared to other fossil fuels.
Oil fired thermal	<input type="checkbox"/> A storage and transportation of fuel are easy. <input type="checkbox"/> Dependent on the Middle East for most of oil supply. <input type="checkbox"/> CO ₂ , SO _x , and NO _x emitted during power generation.

※Glossary / * Combined cycle: a power generation method that combines gas and steam turbines. Heat from gas turbines is collected in a waste heat boiler, and the steam produced is used to rotate steam turbines.

/* RPS law (Renewable Portfolio Standard): This law aims to protect the environment through the promotion of new energy utilization by requiring power companies to generate or purchase a certain percent or more of electricity from new energy sources depending on their electricity sales.

Biomass Generation Activities

The power generation project "Miyazaki Biomass Recycle Co., Inc." which utilized the thermal-power-generation technology of our company, is the first power generation project to use poultry litter in Asia as fuel. It started operation in May 2005 and sells incineration ashes as raw materials of fertilizer.

This business is attracting attention from the entire country not just for producing new energy, but also as a business that could maybe take care of the poultry litter issues for poultry farms, municipalities and local residents.



Miyazaki Biomass Recycle Co., Inc. bird dropping incinerator power generation facility

Measures for public welfare and transportation

We are tackling the strengthening of energy and resource saving and activities in the office based on the Kyoto Protocol Target Attainment Plan.

Moreover, since it corresponds to the revised Law Concerning Rational Use of Energy, we are moving ahead with implementing a correspondence indicator and manual revisions concerning cargo duty.

Energy conservation at the office and resource saving activities

We are tackling energy conservation and resource saving activities to lighten environmental load on a daily basis.

CO₂ emission accompanying in-house power consumption of electric power and in-house distribution and transportation

Various measures are taken from FY2006 regarding the CO₂ emissions ac-

companying the use of electric power for power station construction and physical distribution vehicles, and also at the head, branch and customer service offices.

Introduction of low-consumption company cars

We have been introducing clean energy vehicles and fuel-efficient vehicles.

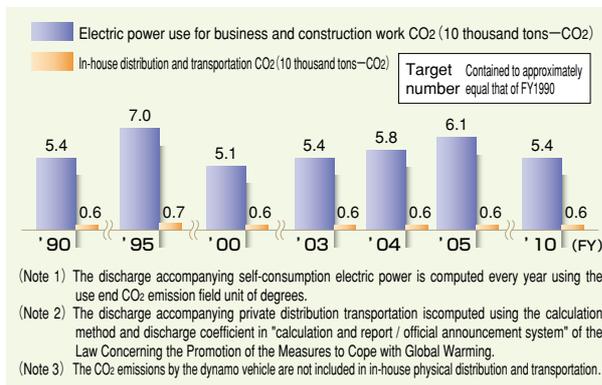
Encouraging the use of energy-saving equipment

We work to promote the use of energy-saving equipment such as heat storage systems and heat-pump water heaters.* We also offer suggestions to our customers to promote energy conservation, including consultations on the efficient use of energy.

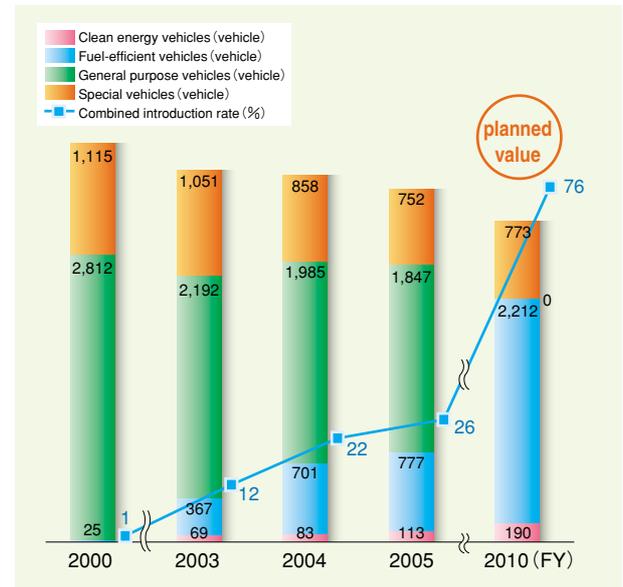
"Eco Cute" is a high-efficiency heat pump electric water heater that realizes better energy conservation and co-exists with nature. Eco Cute requires less energy than the conventional combustion type water heaters, and utilizes natural CO₂ as a coolant.

Environmental activities

▼ In-house power consumption and the CO₂ emission quantity which accompanies in-house distribution and transportation



▼ Low emission vehicle introduction plan



※Glossary / *Heat-pump water heater: A water heater that utilizes surrounding air to heat the refrigerant.

Establishing a Recycling Society



For more details, please refer to the 2006 Kyushu Electric Power Environment Action Report P28~30

We are promoting the 3Rs-Reuse, Recycle and Reduce-for our business activities towards industrial waste.

Industrial Waste

Industrial waste generated during the course of our business operations includes coal ash, gypsum from desulfurization facilities, sludge from wastewater treatment, scrap metal and discarded concrete poles.

Coal ash, which comprises 80% of the amount of industrial waste generated by the company, is reused for cement or soil improvement materials taking advantage of its properties. The recycling rate for it was 91% in FY2005.

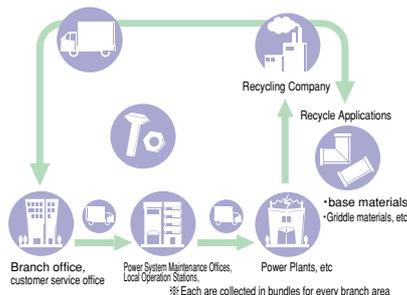
We have also developed recycled aluminum wires using waste aluminum wires from our electric works since FY2005.

Cooperative collection of industrial waste

For industrial waste generated during the course of our business operations from our power stations, customer service office and power system maintenance offices, the specific items generated by the entire company were collected in a cooperative collection system established in FY2005, and are then handed over to a recycling company.

By doing this, we are trying to control the annual amount of external burial disposal to 1,000t or less.

Cooperative collection of industrial waste



Promotion of Green Procurement

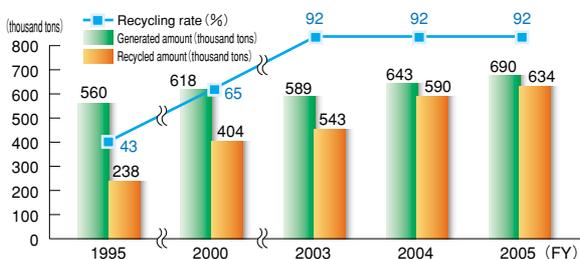
The green procurement system was introduced in FY2002 as a measure towards the establishment of a recycling society. Under the system, the company promotes green procurement by placing a greater priority on purchasing eco-friendly goods and encouraging the cooperation of suppliers.

The rate of green procurement in FY2005 (the rate of eco-friendly products in commodities purchased) was 97%. We are aiming for 100% for FY2006 using electronic catalog purchasing, established in May 2006.

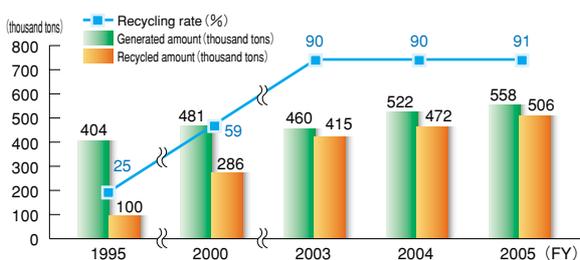
For electricity related-materials and equipment, we established criteria for assessing the level of environmental load reduction from various angles. Among these, especially good products were designated as "green products" (six items at the end of FY2005) and we are actively procuring these items.

<Green Procurement Policy introductory website in Japanese>
http://www.kyuden.co.jp/company_procurement_provide_green_index

Transition volume of industrial waste generation and recycling rate



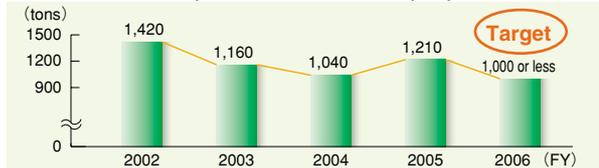
Generated amount of coal ash and recycling rate



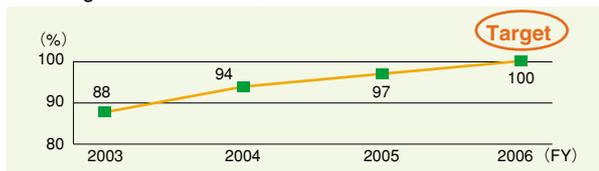
Recycling of aluminum wires



Landfill waste disposed outside the company



Changes in Green Procurement



Harmoniously coexisting with local environment



For more details, please refer to the 2006 Kyushu Electric Environment Action Report

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Environmental Assessment

Three types of environmental surveys are conducted on the premises of Sendai Nuclear Power station towards the development of new nuclear power facilities, with the latter half of the 2010s as a goal. The surveys include an environmental assessment, geological survey and a meteorological survey.

▼ The leading particulars which becomes the prerequisites of investigations

Items	Investigation contents
Location	Gumizaki-cho, Satsuma-Sendai-shi, Kagoshima (Inside the premises of Sendai Nuclear Power Station)
Cardinal number	1 group
Output	1.5 million kW degree
Nuclear reactor form	An advanced pressurized-water reactor

Environmental Assessment

The "environmental-impact-assessment method document" was submitted in August, 2005 to the Minister of Economy, Trade and Industry, the Kagoshima governor, Satsuma sendai City, and Ichikikushikino City mayor. After we obtained opinions from the standpoint of environmental preservation from everyone through the subse-

▼ Report to the Minister of Economy, Trade and Industry and Our company response

Minister of Economy, Trade and Industry report	Our company's response (Reflect back on the present situation of the investigation)						
<table border="1"> <thead> <tr> <th>Items</th> <th>Overview</th> </tr> </thead> <tbody> <tr> <td>The addition of an environmental-impact-assessment item</td> <td>① Implementation of prediction and evaluation in case there is a possibility of water quality influence on reclaimed earth and sand during an elusion examination</td> </tr> <tr> <td>Investigation, prediction, examination of the evaluation technique</td> <td>② Implementation of predicting the influence and evaluation of the nitrogen oxide released into the atmosphere by the work vessel ③ Implementation of the influence investigation, prediction, and evaluation to Greater Spotted Eagle ④ Implementation of the influence investigation, prediction, and evaluation of a sea turtle</td> </tr> </tbody> </table>	Items	Overview	The addition of an environmental-impact-assessment item	① Implementation of prediction and evaluation in case there is a possibility of water quality influence on reclaimed earth and sand during an elusion examination	Investigation, prediction, examination of the evaluation technique	② Implementation of predicting the influence and evaluation of the nitrogen oxide released into the atmosphere by the work vessel ③ Implementation of the influence investigation, prediction, and evaluation to Greater Spotted Eagle ④ Implementation of the influence investigation, prediction, and evaluation of a sea turtle	<p>Evaluation criteria are looked over again.</p> <p>Evaluation technique is looked over again.</p>
Items	Overview						
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quent inspection period, the evaluation of our company was submitted in November, 2005.

In addition, regarding the advice on the "environmental-impact-assessment method document" obtained from the Minister of Economy, Trade and Industry in February 2006, the contents and evaluation criteria that it was based upon were reexamined.

Based on the contents of the Minister of Economy, Trade and Industry's advice, the investigation plan was considered, and a "present condition investigation" (the reference investigation and the field survey based on the environmental-impact-assessment method document) was started in June, 2006, while we deployed an examination about the prediction, environmental influence, and required environmental preservation measures.

▼ Main items of the survey for the current situation

Items	Contents
Atmospheric environment	Nitrogen oxides, noise, vibrations, etc.
Water environment	Water temperature and quality, etc.
Marine organisms	Marine algae and seaweed, fish, plankton, etc.
Terrestrial organisms	Animals, plants and ecosystem
Social environment (literature study)	Status of population, industry and land use

Geological Survey



Performed to confirm the rock mass has enough seismic stability as a foundation for a nuclear reactor building.

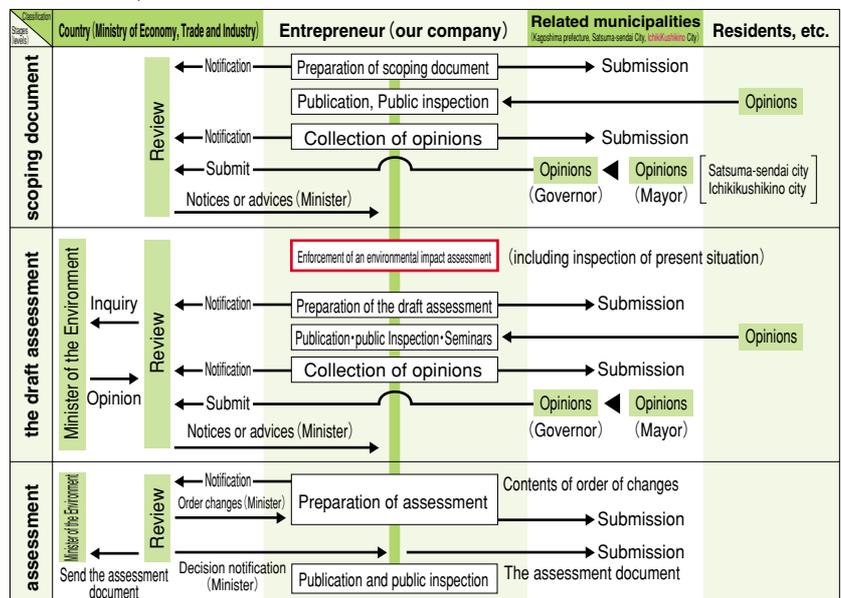
Meteorological survey



Performed to examine how radiation dose and spread changes in and around the power station in the case of accidents, as well as the method to ensure safety against radiation.

We are implementing this inspection in the likelihood of a million to one chance of an accident to check the changes in the amount of radiation around the power plant vicinity and to secure safety from radioactivity.

▼ The flow of the process of environmental assessment



Management of Chemical Substances

Chemical substances we use at power stations are properly managed at each site in full accordance with related laws and regulations. We take the initiative in investigating, collecting and voluntarily disclosing data on the amounts of designated chemical substances emission and transfers under the PRTR System*.

■ PCB (Polychlorinated biphenyl)

Equipment utilizing PCB'S (1,511 units of high-voltage transformers, capacitors and others) is kept in special storage areas under strict surveillance according to the Waste Disposal and Public Cleaning Law. We plan to treat the equipment and render it harmless between 2007 and 2013 in the PCB Japan Environmental Safety Corporation under the control of the national government.

Moreover, for transformers and other issues where there is a small mixture of PCB in the insulation oil inside the heavy machinery and equipment, the fundamental directivity of processing is

examined by the examination committee of the country. At the present stage, since we cannot specify the mixing apparatus, we are implementing a mixture inspection for equipment that handles insulation oil at the time of equipment removal. The 1,485 units where the mixture was specified at the present time are managed appropriately under the related laws.

■ Asbestos

Although asbestos is contained in parts of our buildings and facilities, most of the product is non-dispersal.

As for areas that use sprayed asbestos that may be dispersal, they are closed off to the public.

For example, only specified parties may enter the engine room and transformer. We feel that there is no direct effect of asbestos use on the surrounding environment.

Moreover, in the case where a building and equipment are disassembled, based on the law, thorough preventive measures for preventing scattering, demolition, discharge, and processing are performed appropriately, and we are proceeding with replacing asbestos with a substitute product.

In addition, three retired employees of our company are

making asbestos-related workplace-accident applications from FY2005 to the present.

Harmony with Surrounding Environment

When designing facilities, we take into consideration the natural environment and urban landscapes of the surrounding areas, and implement environmental measures such as tree planting.

Since FY1986, we have been promoting an underground power distribution system for the benefit of the urban landscape, safety and pedestrian-friendly pavement, and for the revitalization of local communities under the cooperation of related road administrators, other local parties involved and distribution line administrators.

▼ Underground distribution system installation status (within our company grounds)

Extension of underground distribution (km)	Underground Distribution System Installation Plan		New Underground Distribution System Installation Plan	Pole-free Power Distribution Promotion Plan	Cumulative total	
	1st phase (1986 -1990)	2nd phase (1991 -1994)	3rd phase (1995 -1998)	4th phase (1999 -2003)		5th phase (2004 -2005)
	97	73	117	210	54	551

▼The main asbestos usage condition in the buildings and equipment (as of end of March,2006)

Subject	Areas of use	Present Situation	Remarks (Correspondence, etc.)	
Spraying containing asbestos	It is used for some of surfaces of walls and ceilings as sound isolation material, such as an equipment apparatus room and a transformer room, thermal insulation, and a fire refractory material.	<ul style="list-style-type: none"> Area of usage is apparent and measures are taken. Company owned buildings:27 buildings/Transformer soundproof material: 7 units 	<ul style="list-style-type: none"> During periodical inspection, we implement the wearing of protection gear at all times when areas where asbestos is used. As for the unclear placement of asbestos content, we are in the midst of investigation. For the aforementioned section, new measures will be in place by FY2007. 	
Asbestos content product	Building material	It is used for the fireproof board of a building, flooring material, etc.	<ul style="list-style-type: none"> Since there are molded components where normally there would be no dispersal, at the times of periodical inspection and repair construction, we will exchange the present product with a non-asbestos products. Since there are molded components where normally there would be no dispersal, at the times of periodical inspection and repair construction, we will exchange the present product with a non-asbestos products Promoting the shift to a non-asbestos product by performing technical evaluation. Since there are molded components and there is usually no dispersal in that state since it is enclosed within the insulator, at the times of periodical inspection and repair construction, we will exchange the present product with a non-asbestos products. Because the oily material (the corrosion-proof grease) has unified, there is usually no dispersal in that state, but at the times of periodical inspection and repair construction, we will exchange the present product with a non-asbestos products. 	
	Acoustic insulation material	Soundproof material of transformer (transformation equipment and hydraulic power production plant)		•Approx. 70
	Asbestos cement pipe	Pipeline material for subterranean lines (power transmission equipment / power distribution equipment)		•Transmission line length: approx. 180km
	Heat insulation material	Power generation equipment (steam-generated equipment and nuclear paraphernalia)		•The amount of asbestos content in products: approx. 30,000 m ³ (About 30% of total)
	Seal material Joint Sheet	Power generation equipment (steam-generated equipment and nuclear paraphernalia)		•The amount of asbestos content in products: (Thermal) About 380,000 pieces (about 80 percent of total) (Nuclear power) About 170,000 pieces (about 90 percent of total)
	air bag	Suspension insulator (power transmission equipment)		•Suspension insulator: Approximately 147 ten thousand (approximately 4 tenths total) (The asbestos content product is inside the insulator, as a buffer agent. It is not used for the porcelain part of the insulator surface.)
	viscous material	The electric wire for fictitious lines (power transmission equipment)		•Electric-wire anticorrosive: approx. 17km of transmission line length (About 0.2% of all overhead power line transmission line length)

*Glossary/PRTR System: (Pollutant Release and Transfer Register) A governmental system to calculate and publish the amounts of toxic chemical substances that are released into the environment and transported in waste based on reports from businesses and their estimates.

Working with society



For more details, refer to the 2006 Kyushu Electric Power Environment Action Report. P36-40

We cooperate with communities through environment action reports and Eco Mothers Activities to enhance environment communication and to promote the environmental activities within the society.

Eco Mothers Activities

We aim to promote environment-related communication with mothers responsible for environmental education at home. We pay visits to places where children and parents gather, such as pre-schools and kindergartens, to provide information on environmental issues to raise awareness, while we promote our activities to seek opinions and requests about our environmental activities.

The activity that acts as a pipeline between Kyushu Electric Power CO., Inc. and the local community is Eco Mothers.

Presently, there are two to four Eco Mothers in our branch offices and are actively promoting activities with their own characteristics.

Kyushu Homeland Forestation Program

To commemorate our 50th anniversary, we began the Kyushu Homeland Forestation Program to plant one million trees throughout Kyushu in 10 years (100,000 trees/year) starting FY2001 in cooperation with local residents.

In FY2005, approximately 115,000 trees were planted in 57 locations, bringing the 5-year total to about 540,000 trees.

As an activity during the seedlings' cultivation period, undergrowth is cut and thinned (as a maintenance and management activity) with the people who took part in the planting.



Kyushu Homeland Forestation Program in Takatoge (Tarumizu City, Kagoshima Prefecture)

Supporting Environmental Education

In FY2002, we launched environmental education support activities, including nature watch and classes in forests, to utilize our abundant natural environment in the Onagohata Recreation Forest located near the dam of the Onagohata Power Station in Hita City, Oita Prefecture.

We are able to offer forest classrooms, grass cutting, tree planting, and energy classrooms which observe the hydroelectric power plant thanks to the cooperation of everyone from the citizen group.

Programs during Environment Month

The Environmental Month of June is considered to be a time to recognize anew the necessity and importance of environmental preservation activities. Activities during the month include tree planting and community services such as cleanup activities.

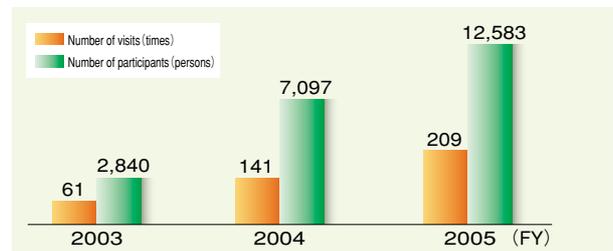
Topics: Received [Highest Award for Environment Reporting]

The "2005 Kyushu Electric Power Environment Action Report" was awarded the highest prize at "The 9th Green Reporting Award," sponsored by TOYO KEIZAI INC. and the Green Reporting Forum, for the points that the top commitment was clear and information disclosure of environmental performance was high.

This "Environmental Report Award" was established in 1998 in the hope for the spread of environmental reporting and the improvement of the level of the reporting. We are the first in the electricity and gas industry to receive this award.



▼Records of Eco Mothers' Activities



Nature Watch at Onagohata Recreation Forest