

1 Communication

We make a proactive effort to disclose environmental information to the public and we encourage two-way communication by asking for the opinions and requests of customers.

Environment Action Report Number of issued

We at Kyushu Electric Power have issued an Environment Action Report since FY1996 as part of our environmental efforts. We also issue a Site Report, which aims to bolster dialog with our neighboring communities, and which debuted in FY2003.

	FY2005	FY2006*
Environment Action Report	8,000	8,000
Environment Action Report Digest	24,000	Incorporated into CSR report
English Version	400	400
Site Report	1,100 (Omanagawa Hydro Power Plant Construction Office)	1,100 (Hitoyoshi Power System Maintenance Office)

*Number of copies planned to be issued

Distribution of the Environment Action Report



Exchanging Opinions with Local University Students

We are delighted to have welcomed three students from the Fukuoka University of Education Environment and Information Education program as interns. Through their training, we have elicited numerous valuable opinions and ideas about uniquely Kyushu environmental activities.

We were also fortunate to host the students of Kansai University Faculty Commerce tutor Michiyasu Nakajima, and to watch their presentation on their research into the efforts of local governments and companies to be environmentally considerate, a forum at which we exchanged opinions on Kyushu Electric Power's efforts.

Lectures and Study Tours

In order to further understanding of environmental and energy issues, we are proactive in having our employees visit schools and local governments as lecturers upon request from those quarters, and also in conducting tours of our facilities.

In FY2005, we sent speakers to 24 lectures at elementary, junior, and high schools and universities, as well as those held by local governments, attended by a total of approximately 1,300 people. Furthermore, the Genkai and Sendai Nuclear Power Stations hosted tours attended by around 100,000 people.



Environmental & energy lectures

TV Commercials

Kyushu Electric Power airs a TV commercial focusing on our environmental initiatives.

This commercial was produced focusing on the Kyushu Homeland Forestation Program, in which our staff members planted trees with local residents in various parts of Kyushu. The commercial conveys our desire to work together with people to realize people's hopes to pass on our local natural environment to the future.



A scene from our TV commercial



Kyushu Electric Power received TOPICS first prize at the Green Reporting Awards

Kyushu Electric Power was honored with the excellence award at the 9th Green Reporting Awards held jointly by Toyo Keizai Inc., and the Green Reporting Forum for our FY2005 Environment Action Report. The award came in recognition of the clarity of our top commitment and our unique efforts to disclose information about environmental performance.

The Green Reporting Award was established in 1998 in the hope of popularizing environmental reporting and raising its standards; our prize was the first top award ever awarded to a company from the electricity or gas industries.



President Shingo Matsuo accepts the award



Kyushu Energy Hall Welcomes TOPICS its Five millionth Visitor

July 2005 marked a special occasion for us as Kyushu Energy Hall, the Kyushu Electric Power exhibition facility in Yakuin, Chuo-ku, Fukuoka, welcomed its five millionth visitor.

Opened in 1982 to commemorate our 30th birthday, Kyushu Energy Hall is the venue of a range of environment and energy related exhibitions and events, and hosted around 280,000 visitors in FY2005.



Children have fun at the hands-on experience area

Eco Mothers Activities

We aim to promote environment-related communication with mothers responsible for environmental education at home. We pay visits to local daycare centers, kindergartens and other places where children and parents gather, and read out the picture board shows to provide information on environmental issues and raise awareness about energy conservation efforts at home. We also operate the Eco Mothers project, in which we seek opinions and requests about our environmental activities.

Indeed, the Eco Mothers act as liaisons between the company and the community. As actual mothers, the Eco Mothers project allows the Eco Mothers to band together to come up with ideas and hold a range of unique activities that allow them to make use of their various skills and areas of expertise.

Records of Eco Mothers' activities

	FY2003	FY2004	FY2005
Number of visits (times)	61	141	209
Number of participants (persons)	2,840	7,097	12,583
Questionnaires returned (%)	32.2	32.2	39.1

See page 55 for questionnaire results.



A hand made "apron theater"



Kids have fun taking part in the project



The kids' determined expressions are what makes it all worthwhile.

Yuka Umemoto

Kyushu Electric Power Eco Mother (Kumamoto staff)

VOICE ● Eco Mothers Activities

I have been an Eco Mothers staff member here in Kumamoto since October 2005. I have a 7-year-old boy and a 4-year-old girl, so as you can imagine I am right in the thick of it as far as child-raising is concerned, and I have a lot of friends in similar situations. Using that network, I gain introductions to kindergartens and daycare centers through other caregivers, and hold picture board shows for the kids. The teachers react positively to the show's theme of environmental issues and usually accept my idea to put on the show gratefully, so my Eco Mothers activities are full-on.

At every kindergarten I go to, the kids watch me so intently as they listen, and I am deeply moved by their determined expressions every time. The environment is a complicated issue, but if I explain simply for the kids they can understand, and they give the desired reaction every time. Sometimes there are even kids who say "I want to meet Mr. CO₂!"

Moving forward, I want to focus on holding events where caregivers can listen to the message together with their



Local Eco Mothers

Kitakyushu staff



Mika Kamimura (left)
Mayumi Morita (center)
Michiko Hirakawa (right)

CO₂ is our keyword; don't miss out on the Kitakyushu Eco Mothers' enjoyable eco-education featuring picture board and panel theater shows, as well as quizzes.

Fukuoka staff



Midori Machino (left) **Mitsue Nozaki (right)**
Kyoko Mitsumaru (center left)
Kayoko Mori (center right)

New staff members have made us bigger and better. We look forward to communicating with the kids and their mothers every time.

Saga staff



Miyuki Saito (left) **Tamie Ezoe (right)**
Miyoko Baba (center left)
Yasuko Yamaguchi (center right)

Our eco-action stories make effective use of the "apron theater" medium, and are very popular. Our new paper puppet theater is the ideal way to teach kids below kindergarten age and caregivers about environmental protection together.

Nagasaki staff



Yoko Nakao (left)
Yoko Hashimoto (right)

Children's minds are young and absorbent, and we aim to seep out message thoroughly into those minds using picture board theater.

Oita staff



Kumi Kudo (left)
Nozomi Ashikari (right)

With our unique personalities, we make a great combination. We hope to expand our activities in future.

Kumamoto staff



Yuka Umemoto (left)
Eiko Iwami (center)
Mayumi Takai (right)

Our pop-up picture book, The Door from Anywhere to Everywhere, propels the kids into eco-action. Next we aim to learn the techniques and expertise to wow the grown ups as well as the children.

Miyazaki staff



Yasuyo Kuroki (left) **Kazumi Moriya (right)**
Satoko Ishida (center left)
Chikako Iwamoto (center right)

Taking lessons from typhoon damage, we communicate a message of not wasting water, reducing the amount of garbage produced, and using electricity sparingly, in a way that kids find easy to understand.

Kagoshima staff



Kazumi Kawakita (left)
Yumiko Maeda (right)

In our new eco-activities, the environmentally-themed picture board and paper puppet theater shows are followed by an exciting hands-on experience workshop and quiz using fruit-shaped batteries and other props.

2 Community Activities

We at Kyushu Electric Power conduct and support environmental activities in the community in a range of ways: the Kyushu Homeland Forestation Program, support for environmental education, public service, training for Green Helpers, and participation in local events are just a few of these.

Planting One Million Trees under the 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 people. In FY2005, approximately 105,000 trees were planted in 57 locations, bringing the five-year total to about 540,000 trees.

While the seedling trees are growing, the people who planted them are kept busy with maintenance activities such as thinning out undergrowth.



Creating a green promenade filled with birdsong in Hibikinada (Wakamatsu-ku, Kitakyushu City)



Kyushu Homeland Forestation Program (Kunisaki City, Oita)



Akira Miyawaki, professor emeritus at Yokohama National University, takes part in the Forestation for Water Source Cultivation project in Tano-cho (Miyazaki City, Miyazaki)



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

Supporting Green Helper training

We have been supporting training of Green Helpers since FY1998 through an NPO, the Interchange Association for Promoting Forestation.

In FY2005, training sessions were held in Nagasaki and Kagoshima for 135 participants, increasing the total number of participants in Kyushu area by the end of FY2005 to 793. Trained Green Helpers take part in local forestation projects as volunteers and cooperate with the Kyushu Electric Power for Kyushu Homeland Forestation Program.

We also support the Forestation Program for 100 Years, a citizen's activity to restore forests in urban areas, led by the Interchange Association for Promoting Forestation.



Here's hoping these forests, guardians of our children's future, grow big and strong.

Shiho Kai General Affairs Group,
General Affairs Department,
Miyazaki Branch Office

VOICE ● Working together with local communities Kyushu Homeland Forestation Program

In FY2004 and FY2005, I took a part of the tree-planting festival at the Forestation for Water Source Cultivation project in Tano-cho. Fortunately, the event was blessed with good weather in both years, and the arid, brown expanses of the mountainside near water sources was buried under a riot of navy and red sweat suits, worn by junior and high school pupils, and gray and beige work clothes. A total of 2,900 people banded together to lay a veritable carpet of saplings, which are now sprouting their green leaves. When the little hands that planted those trees become large, adult hands, the trees will have grown into a mighty forest protecting our invaluable water sources.

Bringing so many people together at once is a logistical challenge: transportation must be secured, lunch must be provided, and while none of that is a walk in the park, the encouraging words and radiant smiles of the participants makes my work fostering environmental awareness among people very rewarding.

We are committed to furthering the Kyushu Homeland Forestation Program hand-in-hand with the people of the community.



TOPICS

Kyushu Electric Power thanked for cooperation with Bogatsuru burn-off ceremony

At the ceremony marking the Kuju Bogatsuru (Taketa City, Oita) and Tadewara (Kokonoe-cho, Oita) wetlands' registration under the Ramsar Convention in November 2005, the Kyushu Electric Power Oita Branch Office was presented with a certificate of gratitude from Takeda City, Oita for its ongoing cooperation with the wetland protection activities.

The Oita Branch Office launched the Bogatsuru Burn-off Committee together with local groups in 1999, since then staff have operated the committee and helped out with the burn-off each year on a voluntary basis.

The registration of the wetlands under the Ramsar Convention means that the burn-off increases in importance, and it is our full intention to continue working with locals to do what we can to protect the wetlands.



The Bogatsuru burn-off

Supporting Environmental Education Activities

Since FY2002, we have been offering environmental education support activities in the Onagohata Recreation Forest located near the dam of the Onagohata Power Station in Hita City, Oita Prefecture.

Classes are held in cooperation with local citizens' groups, and include nature watch, classes in forests that involve a range of activities like clearing underbrush in areas where trees have been planted and hydro power station tours to utilize our abundant natural environment.

In FY2005, we hosted eight groups totaling 371 participants, making a cumulative total of 27 groups comprising 973 participants as of the end of FY2005.



Naturewatch activity



Pamphlet and field guides for Onagohata Recreation Forest

Environment Month Programs

June is designated Environment Month, and at Kyushu Electric Power, we consider June to be a time to recognize anew the necessity and importance of environmental preservation activities. We are proactive in this area, with activities including tree planting and community services such as cleanup drives.

■ Tree planting

A total of 3,547 seedlings and trees were planted at 17 business sites. The Saga Power System Maintenance Office part of the Saga Branch Office, planted some 500 Hirado Azalea and other seedlings at Takatori-yama Park in Sefurimachi, Kanzaki City, together with people from the community.



Tree planting (Saga Power System Maintenance Office)

■ Lectures

We held lectures on environment and energy related topics for customers at three business sites. Attendance reached 674. In Fukuoka, Prof. Masaru Kitano (Dr. of engineering; professor at College of Cross-cultural Communication and Business, Shukutoku University) was invited to speak on "Curiosity about the Earth—Thinking about environmental issues on a global scale" at a lecture that attracted around 450 people.

■ Voluntary activities

Our 86 business sites organized the cleanup of roads, parks, and coasts around their premises, while 37 sites joined cleanups led by local governments.

The Hitoyoshi Power System Maintenance Office, part of the Kumamoto Branch Office, took part in a project to release young yamame trout together with children from nearby Miura Elementary School and the Kumagawa Fisheries Association.

Another four business sites held community agriculture events and opened up their greenhouses for public access.



Community farm (Genkai Nuclear Power Station)

Illegal garbage dumping patrols

Our 22 business sites concluded and implemented agreements with 77 local governments on measures against illegal dumping of waste, which require a person who witnesses illegal dumping of waste during patrol or other occasions to inform the respective local government.



Sticker on a company vehicle to promote elimination of illegal dumping



TOPICS

Car-sharing pilot program period passes

In October 2002, we started supporting a car-sharing project using electric and low-emission vehicles in Fukuoka City, which was organized in collaboration with Fukuoka City and environmental NGOs. At the end of September 2005, the initial three-year period elapsed, bringing the project to a close.

Thereupon, and in light of Fukuoka City's designation as an eco-friendly car-sharing zone in July 2005, Mazda Car Rental Corporation (HQ: Hiroshima City), which already has a car-sharing scheme, took over operation of the project in October 2005 from the NPO, which formerly operated it, in order to maintain the service for members.

Given the receipt of a commendation from the minister of the environment in November 2004 for our efforts to prevent global warming in recognition of operation of the project using electric cars, we are confident that we attained a measure of success as a pioneer in the car-sharing field by successfully educating people about its benefits. We would like to thank all who participated in or supported the project.



An electric car used in the car-sharing project

3 International Cooperation

We actively develop overseas projects and consulting business mainly including specialist dispatches and trainee acceptance through Japan International Cooperation Agency (JICA) and other organizations, information exchange with overseas electric suppliers and independent power producer (IPP) projects.

As part of our overseas IPP projects, we give consideration to environmental issues as evidenced by the construction of a high-efficiency thermal power station using natural gas as fuel to control CO₂ emissions.

Meanwhile, we strive to contribute to environmental protection by

conducting research and transfer of technologies that contribute to the reduction of CO₂ emissions.

Overseas IPP projects

Project name (country)	Power generation method (fuel)	Output (10,000 kW)	Start of commercial operation
Tuxpan Unit No. 2 IPP (Mexico)	Gas combined cycle method (natural gas)	49.5	Dec. 2001
Ilijan IPP (Philippines)		120.0	Jun. 2002
Phu My Unit No. 3 IPP (Vietnam)		71.7	Mar. 2004
Tuxpan Unit No. 5 IPP (Mexico)		49.5	Sep. 2006 (planned)

Achievement of consulting (FY2005)

Country	Content	Notes
Indonesia	Development of small-scale distributed generation system with <i>Jatropha curcas</i> oil	<ul style="list-style-type: none"> Contracted in July 2004; completed in February 2006 NEDO's Joint Research and Development Support Program
Vietnam	Feasibility study for Nho Que hydroelectric power plant construction project	<ul style="list-style-type: none"> Contracted in August 2005; completed in January 2006 A JETRO Study for the Global Environment and Plant Revitalization Program
China	Installation verification of system for promoting energy conservation in buildings in China's metropolises	<ul style="list-style-type: none"> Contracted in August 2005; completed in January 2006 A JETRO J-Front Program
	Wind power generation set-up using CDM scheme in Inner Mongolia.	<ul style="list-style-type: none"> Contracted in July 2005; completed in March 2006 NEDO's Basic Survey for Promoting the JI/CDM
Taiwan	Investigation of avalanches and landslides for Da-cha-shi hydroelectric power plant Kou Tai Consultation for Taiwan Power's substation construction	• Contracted in July 2004; scheduled for completion at the end of June 2006
		Tan Nan • Construction began in January 2004; systems operated in June 2005
		Tai Ma • Construction began in June 2004; systems operated in October 2005
		Pu Ri • Construction began in April 2005; scheduled for completion in May 2007 • Construction began in July 2005; scheduled for completion in October 2007

4 Employee Awareness Enhancement

We are proactive in providing environmental training for employees, as well as eco-themed lectures featuring speakers from within and outside the company.

Training and Lectures

A total of seven training sessions concerning environmental issues were held to provide necessary knowledge regarding environmental compliance, proper waste disposal, and EMS operation for 346 staff members including new employees, managers, and staff in charge of environmental tasks at business sites. Moreover, a total of 275 employees from 38 business sites attended environment-related training and lectures organized by organizations outside the company.



Training of staff members in charge of environment-related tasks (forum with environmental managers)

Meanwhile, during Environment Month, in-house lectures were given by internal and external instructors at 12 business sites, attended by 691 employees. Head Office invited Yoshinori Yasuda, a doctor of science and professor at the International Research Center for Japanese Studies, to give a lecture on the impact of climate change on mankind and how to deal with it; the lecture was attended by 128 employees.

Fostering Specialists on Environment

We help our employees to obtain environment-related qualifications such as Qualified Person for Energy Management of Type 1 Designated Factory and Pollution Control Manager. To this end, various systems are established to assist with correspondence education fees, and to provide allowances to employees who obtain publicly-recognized licenses and qualifications.

Number of accredited employees (as of the end of FY2005)

Qualification	Accredited employees
Qualified Person for Energy Management of Type 1 Designated Factory (qualified under the old system)	990
Pollution Control Manager (incl. Senior Pollution Control Managers)	533
Engineering Manager for Waste Disposal Facilities	201
Specially Controlled Industrial Waste Manager	205
Internal Environmental Auditor	613

Support for Employees' Community Services

We have established an Award System for Local Community Contributors to encourage employee momentum to actively promote local community services, and to contribute to our communities.

Providing Information

Domestic and international news on environmental issues is provided through company broadcasting and in-house newsletters, and the company intranet is also being used effectively.

■ Environmental Digest newsletter

Environmental information from inside and outside the company is provided monthly to our employees in this eco-themed newsletter.



■ Environmental Affairs Department intranet

The company computer network is used to build an environmental database with the aim of improving employee awareness of environmental issues and to put environmental activities into action, as well as to provide support for managers.

