

Protecting the earth's environment as a responsible — and responsive — global citizen

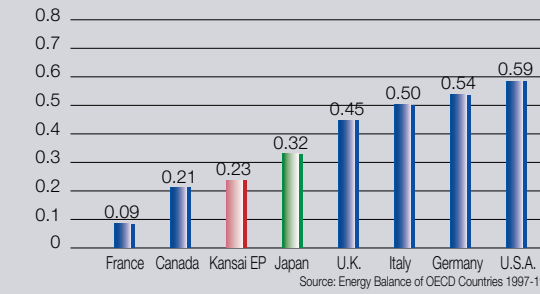
Kansai EP undertakes an aggressive array of initiatives, both at home and abroad, to ensure a sustainable environment for future generations.



Solar panels, Nanko Thermal Power Plant



Comparison of CO₂ Emission Levels in Major Countries, 1998 (kg-CO₂/kWh)



Commitment to Environmental Management

At Kansai EP environmental management has long been accorded the full-time, full-fledged commitment which this crucially influential aspect of our operations — touching on the very health and lives of our customers, our nation and our planet — deserves. Reduction of CO₂ and other greenhouse gas emissions that are causing irreparable damage to our global environment is at the top of our list of priorities. However, achieving that aim requires aggressive and unwavering commitments on both the supply and demand sides.

Here on the supply side, we are assertively implementing a slate of organized initiatives targeted at curbing CO₂ emissions. These include active adoption of nuclear power generation, a technology that produces no CO₂; enhancement of the thermal efficiency of our fossil-fuel generating facilities; and the promotion and installation of new power-generating systems relying on wind and solar energy. Meanwhile on the demand side, we push for increasing adoption of “Eco Ice,” our innovative air-conditioning system that utilizes power generated during nighttime hours, when nuclear power dependency is high and CO₂

emissions are low.

These diverse initiatives are already yielding tangible, positive results. In fiscal 2001 Kansai EP's CO₂ emissions were down by roughly 30 million tons from the level of fiscal 1991, despite a dramatic increase in power generation volume during that interim. Also, our emission level per unit of generated electricity is lower than in most major Western countries.

Beyond National Borders

In recognition of the global scale of the CO₂ emissions issue, Kansai EP takes its aggressive stance on environmental protection beyond domestic limits. We proactively participate in a host of projects focused on curbing CO₂ worldwide, including a program seeking to revitalize tropical rain forests in Indonesia and research on mangrove afforestation technologies for application in Thailand. We are also participating in an investment fund created to promote energy conservation and emission reduction in the nations of eastern Europe.

International Certification

In conjunction with our environmental management initiatives, we are continuously striving to enhance the quality and safety levels of our facilities and bring them in line with international standards. To date (March 2001) our efforts have enabled us to acquire ISO14001 certification for the Himeji No.1 Power Plant and four other operating bases.



Nanko Thermal Power Plant