

Aiming for Sustainable Development of Society and the J-POWER Group

Environmental Management Efforts

Based on its corporate philosophy of “harmonizing energy supply with the environment,” the J-POWER Group practices environmental management that simultaneously aims to improve both environmental

friendliness and economic value as a means of increasing the Group's contribution to the development of a sustainable society.

The J-POWER Group's Environmental Management Vision (Revised on July 1, 2011)

Basic Stance

As an energy supplier, we will contribute to the sustainable development of Japan and the rest of the world by harmonizing our operations with the environment and ensuring the constant supply of energy essential to human life and economic activity.

- As an energy supplier, the J-POWER Group will strive to bring together its expertise and its technologies in the utilization of a wide variety of energy sources, including fossil fuels, nuclear power, and renewable energies, to ensure the efficient and uninterrupted supply of the power essential to human life and economic activity.
- We will contribute to sustainable development in Japan and the rest of the world as a whole by minimizing the environmental impact of our business activities, reducing environmental risks such as global warming, and improving eco-efficiency by achieving higher productivity with lower environmental load, thus promoting greater environmental responsibility while enhancing economic value.

Efforts Relating to Global Environmental Issues

Directing our most intensive efforts towards the provision of a stable energy supply, we will also steadily advance initiatives towards the realization of low-carbon technologies both domestically and internationally, and will contribute to the reduction of CO₂ emissions on a global scale.

To that end, we will work from mid- and long-term perspectives with technology as our central focus to realize a stable

supply of energy and reduce CO₂ emissions domestically and internationally through measures including reducing CO₂ emissions from coal-fired power generation, conducting research and development of next-generation low-carbon technologies, and expanding CO₂-free power generation facilities. Our ultimate aim will be the achievement of zero emissions by means of measures including CO₂ capture and storage.

Reducing CO₂ Emissions from Coal-fired Power Generation



We will maintain high-efficiency operation, and will implement measures including expanding the application of biomass mixed combustion, replacing aging thermal power plants, and deploying high-efficiency coal-fired power generation internationally.

Conducting Research and Development of Next-generation Low-carbon Technologies



We will conduct research and development in areas including further high-efficiency power generation technologies, CO₂ capture and storage technologies, and technologies for ocean-based wind power generation.

Efforts Aimed at Realizing a Low-Carbon Society

While sparing no efforts in continuing to develop nuclear power stations, with safety as our top priority and with the understanding of the local communities in the areas in which the facilities are located, we will also work to expand our use of hydroelectric, wind power, and geothermal power generation.

Expanding CO₂-free Power Generation Facilities



Efforts Relating to Local Environmental Issues

In addition to adopting measures to reduce the environmental impact of our operations, we will seek to operate in harmony with the local environments in which our facilities are located by working to save, recycle, and reuse resources in order to limit the amount of waste that we produce.

Ensuring Transparency and Reliability

We will ensure that our business activities comply with all laws and regulations, disclose a wide range of environmental information, and enhance communication with stakeholders.