

Delivering a safe, stable supply of electricity

It's not just a goal, it's our unchanging wish.

Electricity is one of the things we simply can't live without. That's why, at Kansai Electric Power, providing a safe, reliable supply of electricity is more than our goal, it's our unchanging wish.

And in a world marked by constant change, you can trust that our wish will stay the same as long as we're in business.

At Kansai EP, we're at work 24 hours a day, 365 days a year providing the electricity that keeps the world moving.

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Our LNG Project in Australia will lead to combined cycle power generation – and to a more reliable supply of electricity.

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- Bringing electricity to the customer (From procuring fuel to supplying homes; Stable, high-quality electricity)..... 07
- Optimal generation mix (Amount of power generated and received; Optimal combination of power sources)..... 09
- Stable fuel procurement (LNG project; Acquiring uranium)..... 10
- Nuclear power generation (Putting safety first; Core energy source; Zero CO₂ emission power generation; Plutonium thermal power)..... 11
- Thermal power generation (Peak period power source; Combined cycle; Biomass fuel)..... 13
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- From load dispatching to power distribution (Central Load Dispatching Center; Power transmission work; Substations; Power distribution)..... 15



More than 600,000 totally-electric homes: Making safer, more comfortable lifestyles possible for more people.

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- Home solutions (Totally-electric conversion; IH stove-tops; EcoCute electric hot-water supply systems)..... 19
- Enhancing lifestyles with electricity (Optical fiber networks; Home security services; Health services; Nursing care)..... 21
- Business solutions (Solutions service, Energy equipment diagnosis, Eco-Ice thermal storage system; Utility services; Soil decontamination)..... 23



Kansai EP has had outstanding results in our efforts to reduce greenhouse gases that contribute to global warming. For example, we've achieved one of the lowest CO₂ emission factors in Japan.

Achieving a low-carbon society 25

- Improving the environment (Measures to prevent global warming; Reducing customer CO₂ emissions)..... 27
- Lowering CO₂ emissions from utility grids (Nuclear power; Thermal power; Hydroelectric power; Solar power; Kansai Green Electricity Fund)..... 28
- Promoting an electricity-based society (Expanding use of EcoCute electric hot-water supply systems; Environmental home budgeting; Electric vehicles)..... 29
- Developing revolutionary technologies; Overseas initiatives to prevent global warming (CO₂ isolation and recovery; Solar power generation in Tuvalu)..... 30



Living in harmony with the community and helping to revitalize the Kansai region. Being an active, supportive member of the communities we serve.


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- Working together with people in the local community (Mobile classes; Public presentations; Beautifying the environment)..... 33
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 This mark denotes topics related to Kansai EP's ecological efforts.