

Stable Supply

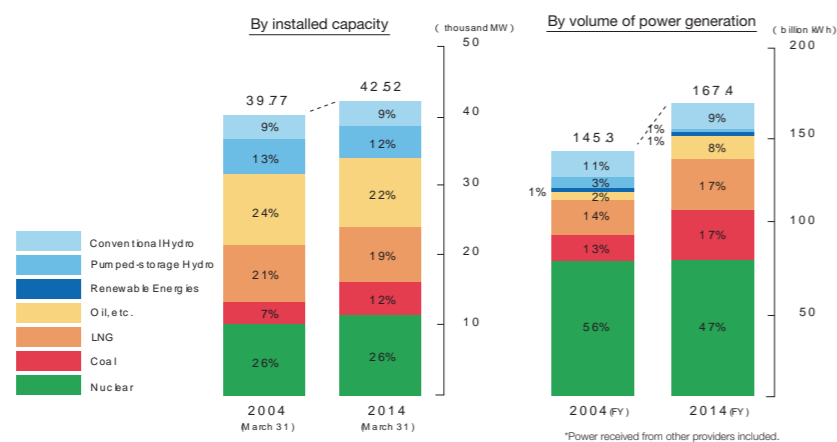
Wholly integrated operations ensure a stable supply of electricity.



Central Load Dispatching Center

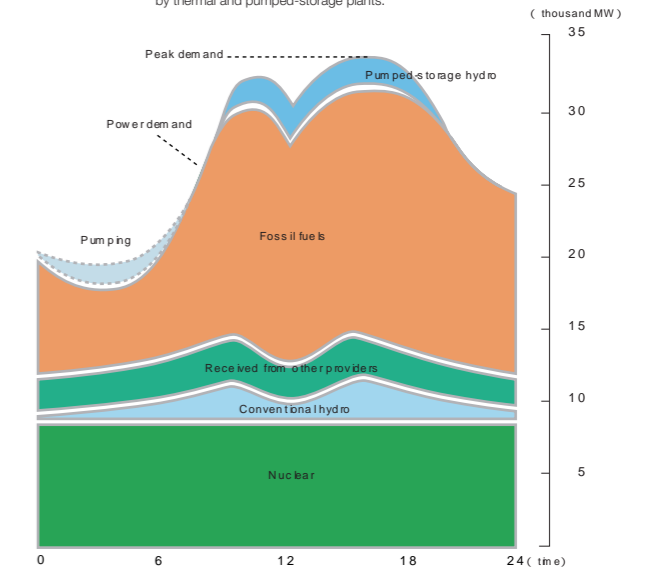
Kansai EP achieves a stable supply of electricity through operation of a fully integrated system from power generation to sales. We also realize efficient provision of high-quality electricity by pursuing the optimum generation mix factoring in the respective advantages of nuclear, thermal and hydro power options.

► Breakdown of power sources* ◀



► 24-hour fluctuations in power demand and power sources (summer) ◀

Nuclear plants function as the mainstay, supported during peak demand by thermal and pumped-storage plants.



Taking Responsibility for the Full Complement of Operations

To ensure a stable supply of power to all customers, Kansai EP shoulders responsibility for all operational aspects from actual generation through sales. We also promote the optimum generation mix of energy sources and are dedicating our resources to forge a distribution system of maximum quality and efficiency.

Continuing Quest for the Optimum Generation Mix

The optimum generation mix translates to a stable and efficient supply of power combining the respective advantages of the three generation modes: nuclear, thermal and hydro. Advantages are gauged in terms that encompass fuel supply stability, environmental impact, economic viability, and adaptability to fluctuations in demand. Our pursuit of this optimum mix not only results in an efficient and stable supply of electricity, but also enables Kansai EP, with its strong focus on nuclear generation, to keep emissions of CO₂ per kWh to the lowest level among Japan's power providers.

Committed Response to Steadily Growing Demand

In Japan the 21st century is expected to be an era of steadily rising demand for electric power. As society becomes progressively grayer and increasingly information-intensive, electrically operated products and IT devices of tremendous variety are projected to become increasingly common fixtures of both the home and business environments. Kansai EP is firmly committed to maintaining the stable power supply necessary to meet these expanding requirements well into the future.