COMPANY PROFILE

2003





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Message from the Management

Since its establishment in 1951, The Kansai Electric Power Company, Inc. (Kansai EP) has steadily forged a relationship of solid trustworthiness through its continuing contributions to the realization of a community in which electricity can be depended upon with complete peace of mind. To respond to the broadbased trust we enjoy today, going forward we will continue to deliver high-quality electricity largely via the safe operation of nuclear power facilities, while fully addressing social demands relating to environmental protection and energy security.

Today Japan's electric power industry is undergoing major transformations precipitated by phased deregulation. In response Kansai EP is pursuing vigorous initiatives on diversified fronts, both to build further on the trust now placed in us and to ensure the Company's sustained growth into the future. With respect to our core electricity operations, we are aggressively working to enhance related services and develop new rate schedules. On a Groupwide basis, we are mustering our comprehensive resources in peripheral areas already encompassing operations in gas supply, amenities in support of lifecycle needs, and information technology (IT) services. Through these and other undertakings across a broad spectrum, we aim to create new value for our customers and to support their lifestyles and business activities in unprecedented ways.

Internally, going forward we will seek greater management efficiency, more robust price competitiveness and an ever sounder financial structure. We will also continue to devote the full complement of our resources to research and development targeting technologies always at the vanguard of the field. In these ways we aim to achieve and maintain a competitive position at the top of our industry.

We sincerely look forward to your ongoing support in the years ahead.



Yoshihisa Akiyama Chairman of the Board of Directors President and Director

Yohsaku Fuji





We create the stages for smiles of joy and contentment.











As a dependable partner, we forge relationships built on trust.











The Kansai Electric Power Co., Inc. Company Profile 2003 Solutions

From our core in energy, we are expanding into new realms around the periphery.

Over the years Kansai EP has probed ever more advanced technologies and knowhow in its quest to supply high-quality electricity at competitive prices as a way of ensuring the peace and stability of its local community. Today, we are applying this vast expertise to the development of all-new fields of endeavor. One is "HAP-e Life," an initiative to enrich customers' lives through increased adoption of electrical installations in the home. We are also developing services tailored to assist customers through their evolving lifestages. And we are applying our comprehensive capabilities to provide a broad palette of solutions and services in areas tangential to energy and IT.

Total Solution Power



We help customers to create new lifestyles of enriched ease and comfort.

Richer Lifestyles through "HAP-e Life"

Kansai EP is enriching the lifestyles of today, and pointing the way to tomorrow, with its dynamic "HAP-e Life" program. HAP-e Life is a Groupwide initiative focused on providing comprehensive support services for home living through all-electric installations and Internet services. The goal is to achieve richer lives enabled by the peace of mind that comes from electrically operated equipment and easy, active communication. Today we are pursuing an ever more colorful array of services that will expand the circle of "happy lives" among our customers ever larger.

Happier Lives through Electric Installations

In conjunction with the "HAP-e Life" initiative, today we promote a variety of electric installations that enrich home life. These include IH (induction heater) stove-tops, hailed for their outstanding safety, electric hot-water supply systems, which enable hot baths at any time without waiting, and electric floor-heating systems, which foster greater family interaction. Customers living in totally electric homes also enjoy exclusive access to our "HAP-e Plan," an attractive discount menu that literally enriches lifestyles economically. Finally, we also offer an optional "HAP-e Package," by which subscribers can lease their home appliances; the package includes follow-up repair and maintenance services.



Electric hot-water supply system







IH (induction heater) stove-top and electric oven



Electric dishwasher

Services Targeted at All Lifestages

Kansai EP, working in tandem with its diverse Group companies, is vigorously pursuing development of state-of-the-art solutions to enable customers of all ages to enjoy "HAP-e-er" lives at home. Besides the benefits of all-electric installations already described, we are focusing in particular on the amenities of FTTH and home security. FTTH (fiber-to-the-home) technology offers advantages both to young families in the process of growing and to senior citizens seeking to live out healthy and active lives. Some typical ways in which the technology is enriching are by enabling family members to watch movies or sporting events of their choosing when they choose, by making educational programming available to viewers of all ages, and by allowing senior relatives to keep in touch with their grandchildren via videophone. Home security services literally enhance customer security by enabling younger families to enjoy excursions away from home with peace of mind, and by providing more elderly customers total assurance while they remain at home. Other "HAP-e Life" solutions include the convenience of online payment settlements and services specifically to assist senior citizens living at home.

Creating Homes Adaptable to Life's Progressions

Kansai EP also brings together the full cornucopia of its Group capabilities to assist customers in the design of homes that will adapt to their evolving lifestages. From the planning of condominium apartments and private homes to services in housing quality assurance and home remodeling, we are ready to help customers create the ideal living environment they need or merely dream about.



Housing performance evaluation / indication services (Kansai Jyutaku Hinshitsu Hosho)



Internet (K-Opticom)





Home security services (KANDEN Security of Society)





Home remodeling to electrical installations (KANDEN EHOUSE)

IH (induction heater) stove-top



We provide optimal solutions to satisfy business needs of remarkable variety.

Infrastructure to Support National Development

In recent years the importance of electric power to the business community has magnified tremendously in tandem with dramatic changes in the business environment. Kansai EP is keenly aware of its responsibility to furnish the energy infrastructure demanded by the corporate sector to support the nation's social and economic development. Simultaneously we are committed to delivering stable supplies of high-quality electric power to the business community at competitive prices.

Professional Response to Multifarious Needs

Kansai EP relies on an array of primary energies to supply electricity to its local community, and we understand especially well how the adoption of efficient and environmentally friendly energies serves the requirements of our business customers. However, because energy usage patterns vary according to the category and scale of each business, the number of energy solutions demanded is no less than the vast number of our corporate customers. Their myriad needs also extend to consulting services relating to energy equipment installations and usage. As professionals in the energy world, at Kansai EP we respond to these kaleidoscopic business-related needs by tapping our technological capabilities and knowhow accumulated over many years. While supplying electricity remains our core focus, we also offer gas options, solutions delineating optimal energy facilities, maintenance and other services.













Rate Options Matched to Customer Requirements

Kansai EP has a tradition of developing rate schedules optimally suited to the circumstances unique to its corporate customers, from large-scale factories to small-scale commercial enterprises. Going forward, in parallel with increasingly diversified and sophisticated formats of energy usage, we will continue to take the initiative in developing and offering finely tailored rate menus as our way of responding to the full spectrum of the business community's needs.

Solutions and Services of High Added Value

Kansai EP today provides a wealth of energy solutions to its corporate customers. Our energy-efficient product offerings range from "Eco Ice" thermal-storage systems, which make use of power generated at night, to attractive and easily managed kitchen systems for commercial establishments. Applying knowledge and expertise accumulated through five decades, we also provide consultation services on usage of energy equipment and forge solutions against instantaneous voltage dips from lightning or other causes. We further support our business customers through solutions that integrate multiple energy options to optimal effect; working from our main focus on electricity supply, we can also provide gas supplies, either piped or transported by tanker lorry, and assist with installation of cogeneration systems, maintenance, etc. We additionally support the business sector by providing vital information technology (IT) infrastructure; our offerings include ultra-high-speed, large-capacity Internet access and leased-line services. Finally, we are also developing a plethora of new convenient services to support commercial operations, including temporary staff services, payment processing services, and even consigned operation of employee cafeterias. Going forward, as energy professionals we will continue to work in collaboration with the full complement of our Group affiliates to develop and provide an ever richer menu of highadded-value solutions and services to meet the evolving needs of the business community.







LNG ship





Electrical cooking equipment



Cogeneration system sales (Kanden GASCO)



16

Meal preparation (El Suehiro Food Service)





The Kansai Electric Power Co., Inc. Company Profile 2003
Utility Business

We proudly support today's lifeline systems and passionately pursue tomorrow's challenges.

Regardless how times may change, at Kansai EP we remain resolutely committed to one overriding mission: to provide stable energy supplies. As a key force supporting the lifeline systems that underpin daily life and social development, we engage in the generation, distribution and sale of energy responsibly and proudly. In line with our social obligation we also take proactive steps to address environmental issues, as illustrated by our significant progress in areas including reduction of CO₂ emissions, environmental management systems, and the development of an environmentally sustainable community. Against the backdrop of these energy-related involvements, we also support and cooperate with corresponding initiatives overseas as we continuously challenge new realms of possibility in R&D for tomorrow's global needs.

Total Solution Power



Stable Supply

Wholly integrated operations ensure stable electricity supplies.



Central Load Dispatching Center

Kansai EP achieves stable supplies of electricity by assuming responsibility for all aspects from power generation through 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*





Taking Responsibility for the Full Complement of Operations

To ensure stable supplies 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 future changes in demand. The optimum mix pursued by Kansai EP places nuclear power as the base load, and thermal and hydro power, including the pumped-storage variety, in secondary roles.

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, electronic products and information equipment of tremendous variety are projected to become fixtures of both the home and business environments. Kansai EP is firmly committed to maintain the stable power supplies necessary to meet these expanding requirements well into the future.

Nuclear Power

Nuclear power forms the core of our optimum generation mix.



Takahama Nuclear Plant (3,392 MW)



Mihama Nuclear Plant (1,666 MW)



Ohi Nuclear Plant (4,710 MW)



Fuel rod replacement

As an energy mode that places a minimal burden on the environment while providing excellent economy, nuclear power serves in the cen tral role in Kansai EP's stable power supply configuration. In carrying out our nuclear operations, we pursue optimum efficiency in the use of precious fuel resources while steadfastly maintaining an uncom promising stance toward safety management.









Salient Advantages Environmentally and Economically

The key position in Kansai EP's optimum generation mix is accorded to nuclear power, a superior energy source that emits no CO₂ during the generation process and is therefore highly effective in curbing global warm ing. Uranium, the source of nuclear energy, is available in stable supply, and when spent fuel is recycled, uranium resources can be efficiently utilized many times over. Currently 57% of Kansai EP's total electricity output draws upon nuclear power. We also enjoy a robust nucle ar capacity factor, and going forward we will continue to pursue safe and stable operation as we aim to raise that factor above 85%.

Safe, Efficient Use of Precious Resources

In our quest for efficient use of both uranium and plu tonium, which is recovered through reprocessing of spent nuclear fuel, we undertake a program in which plutonium is mixed with uranium to form mixed oxide (MOX) fuel. Nuclear power is widely recognized for its economic and environmental benefits, but in every re spect it is the safety factor that receives our highest prior ity. To ensure enduring social trust, we are resolutely committed to maintaining the most stringent safety measures throughout our nuclear operations at all times.

Thermal & Hydroelectric Power

Thermal power enables elastic response to fluctuating demand.

Balanced Dependency on **Diversified Fuels**

Thermal power plays a key role as a middle-load energy source that offers supreme elasticity to cope with cease lessly fluctuating demand. Presently 31% of Kansai EP's total electricity out put is generated from fossil fuels. Go ing forward we aim to continue diversifying our thermal fuel options through greater reliance on coal, avail able at relatively stable prices, and liq uefied natural gas (LNG), which is environmentally compatible.

Using Domestic Water

Resources to Advantage

Today a comparably modest 12% of

the electricity generated by Kansai EP derives from hydroelectric power, but

because this energy source offers envir

onmental benefits and domestic water

resources are readily available, its

importance cannot be underestimated. Also playing a major role is pumped-

storage hydro power, a method where

by water is pumped from one reservoir to another at a higher elevation at night when demand is relatively low and capacity is available; the energy created is allocated to meet peak day time demand or emergency needs.



Thermal Power Plant (operation to commence in August 2004)





Kurobegawa No.4



Hydro power is naturally available and environmentally friendly.

17%

We work around the clock to ensure stable, efficient power provision.





Transmission & Distribution

Harima West Transmission lines

Shin-Ikoma Substation

Power Delivery Network at the Forefront of Technology and Efficiency

The function of Kansai EP's transmis sion, transformation and distribution fa cilities is to deliver electricity efficiently and stably from the power station to the customer; and to achieve that objective we are continuously reinforcing our physical plant while simultaneously pur suing ever greater economy. Together these initiatives have enabled the achievement of a sophisticated operating system, integrating advanced information technologies, that monitors and controls our vast network around the clock, auto matically. In addition we carry out train ing and drills to prepare for natural calamities of every kind. These efforts have been rewarded by significant de creases in the incidence and length of power outages per customer, enabling Kansai EP to achieve one of the world's highest levels in power supply stability. Going forward, while maintaining our uncompromising quality standards, we will continue to adopt new technologies and engineering methods and further re duce our system costs in order to realize a comprehensive network of ever greater efficiency.

Environmental Protection

Our R&D and other activities focus on safeguarding the Earth's environment.





Kansai FP is Japan's first power provider to have its electricity acquire the "EcoLeaf"™ label. Under this labeling program, quantitative data on a product's environmental impact is certified and disclosed by a third party.

Nanko Power Plant (ISO14001certified)

Kansai EP contributes to protection of the Earth's environment in a multitude of ways. These include initiatives to curb global warming by reducing CO2 emissions, development of environmental management systems meeting international standards, and measures to promote achievement of an ecologically sustainable society.



Wind-power generation equipment supported by the Kansai Green Power Fund (Taiko-vama, Kvoto)









Diverse Initiatives to Prevent Global Warming In response to the escalating need to counteract global warming, Kansai EP is powerfully committed to reducing CO2 emissions worldwide. Our domestic ini tiatives are remarkably diverse, including promotion of emission-free nuclear power plants, pursuit of enhanced thermal efficiency at facilities reliant on fossil fuels, creation of new flue-gas decarbonization technologies, and development of thermal-storage systems that use electricity generated mainly by nuclear facilities at night. Outside Japan we participate in multifarious projects focused on scaling back CO2 emissions. Examples include a research project on mangrove afforesta tion technologies for application in Thailand and environmental tree planting to prevent salination problems in Western Australia.

For a number of years Kansai EP has purchased surplus power generated from wind and solar energy at facilities installed by its customers, and we are an active supporter of the "Kansai Green Power Fund" established to promote adoption of those energy sources. Today we are fortifying our commitment to the develop ment of new energies in response to the enactment in April 2003 of the RPS (Re newable Portfolio Standard) Law, which delineates special measures concerning utilization of new energies by domestic electricity providers. Going forward we aim to contribute to their expanded adoption all the more.

Toward an Ecologically Sustainable World

In conjunction with our corporate quest to operate in a manner fully compat

ible with the demands of an ecologically sustainable society, at Kansai EP we pro actively carry out a program of "3R" activities. These consist of measures to re duce, reuse and recycle industrial and other wastes toward a goal of eliminating all untreatable substances that require landfill disposal. For example, already we are recycling 100% of the heavy/crude oil ash and desulfurized gypsum generated by our thermal power plants and the low-voltage power lines and concrete poles used in our distribution grids. We are also retooling our purchasing practices to accord highest priority to products having maximum environmental compatibili ty. To illustrate, starting this year we are meeting our full requirement for wire protection conduits by procuring products manufactured from recycled materials originally discarded from our own premises. We are equally active in recycling initiatives on a Groupwide basis. These include creation of livestock bedding ma terials, fertilizers and soil enhancers from dam driftwood; recycling of incinerated waste ash and other wastes into brick-like blocks; and recycling of styrofoam and other polystyrene products using our own unique solvents.

Internationally Certified in Environmental Management

bases

Commitment to Clean New Energies

Kansai EP is also taking aggressive steps to forge environmental management systems worthy of certification by the International Organization for Standardiza tion (ISO). The success of our efforts to date is reflected in acquisition of ISO 14001 certification at the Nanko Thermal Power Plant and 11 other operating

Research & Development

We continuously explore exciting new possibilities for tomorrow.





Relying on its advanced technological capabilities and vast expertise accumulated through half a century, Kansai EP engages in R&D on kaleidoscopic fronts, in a continuing quest for new products offering economic and other benefits to society.



Development of soil decontamination technologies



Research into human error



xperimental robot





Basic research into SOFC materials



SiC diode module testing



Development of Products Elevating Customer Satisfaction

Kansai EP steadfastly pursues R&D projects targeting the crea tion of new products that will offer ever greater convenience and economy to society. Presently under development is a compre hensive hot-water supply and heating system designed to be mul tifunctional and space-saving; it consists of our "Eco Cute" CO2 heat-pump hot-water system for home use, boasting outstanding economy and environmental compatibility, integrated with floorheating and bathroom-drying systems. Another project in progress is development of redox-flow (power storage) batteries; easy to maintain and offering long service life, they are well suited to serving as emergency power sources or as energy boos ters to counter instantaneous voltage dips. We are also carrying forward research into solid oxide fuel cells (SOFC), which excel in power-generation efficiency, stability and environmental friendliness; they are garnering wide attention for use in applica tions ranging from small-scale home power supplies to an alter native option to thermal power plants.

Globally Recognized for Contributions to Environmental Protection

For some time, in conjunction with our environmental protec tion initiatives we have carried out R&D into high-performance chemical absorbents of CO2, and today our achievements have won patents not only in Japan but also in the United States, Eu rope and Asia. Related technologies have already been adopted in a urea production plant in Malaysia. We are also conducting research into regeneration of tropical rain forests as a means of revitalizing the natural environment and expanding CO₂ absorp tion sinks. Another R&D focus relating to environmental protec tion is the development of soil decontamination technologies employing biotechnologies; we are currently conducting research into soil remediation technologies and into biosensors for meas uring heavy metals, dioxins and other environmentally detrimen tal substances.

Basic Research Focused on Reducing Power Loss

As part of our basic research program, we are probing nextgeneration power elements to supersede conventional silicon ele ments, in a quest to substantially reduce power loss. The revolu tionary new semiconductor elements under development are relatively immune to crystal breakage under high voltage, and power loss is lessened significantly. They are expected to make salient contributions to cost reductions and productivity en hancement at electrical installations.

Overseas Operations

Our horizons are expanding beyond Asia to the entire world.







Thailand's Rojana Power Co., Ltd.

Philippines and the Rojana Power Project in Thailand.

บริษัท โรอนะ เพาะวอร์ ดำก่ ROJANA POWER CO., LTO

Through technological cooperation, Kansai EP is also making significant contributions toward resolving diverse energy issues across the globe. Heading the list are our participation in the San Roque Multipurpose Project in the



Pulau Seraya Power Station (Stage I)









Active Participation in Projects Across the Globe

In 1998 Kansai EP became Japan's first power provider to take part in a power-generation project overseas. For the San Roque Multipurpose Project in the Philippines, we con structed a hydro power plant under a "BOT" (build-oper ate-transfer) scheme: after operating the plant for 25 years, we will transfer the facility to that country. This initiative marked the commencement of our active involvement in a host of projects overseas. To date these include: a fund tar geted at conserving energy and curbing emissions in East ern Europe; the Naniwa Project, whereby gas turbines no longer needed in Japan are given a second life as reliable power sources in the United States; a project involving an LNG base in northern Taiwan, applying our experience in LNG transport and off-loading terminal operation; and ac quisition of equity and participation in management of Thailand's Rojana Power Co., Ltd., which operates a coge neration power plant fueled by natural gas.

Overseas Consulting Services Launched

Recently Kansai EP received an order from Singapore en gaging its consulting services. The order, placed in recogni tion of our technical expertise in Orimulsion® combustion, focuses on fuel conversion of the Pulau Serava Power Sta tion (Stage I) and calls for our consultation advice through out all phases of the project, which is slated to continue into 2006. Going forward, we will apply our full managerial resources to probing further business opportunities of this kind in the international arena.

Aggressive Approach to Issues of Global Scale

Worldwide cooperation is indispensable to addressing the major issues confronting the global community, such as global warming and sustainable development. The power industry can play a particularly important role in the pri vate sector by transferring technologies relating to nuclear power generation, energy conservation and environmental protection, and Kansai EP is looked upon to make signifi cant contributions to these and other areas. Those expecta tions inspire us to apply our technologies and knowhow to a broad range of projects aimed at mitigating changes in the global climate. These encompass participation in interna tional organizations that promote development of sustain able energies, collaboration with the developing countries toward reducing greenhouse gas emissions, and the devel opment of the human resources needed to deal with power and environmental concerns in the developing world.

Regional Activities

Our joy is to bring joy to the lives of all local citizens.



Observation of distribution line work

A good rapport with the local community forms Kansai EP's underlying foundation. Through active involvement in community activities, from energy classes and workshops to sponsorship of sports and cultural events, we are making solid contributions to our home region's social development.





Youth soccer game



Tour of Nanko Power Plant by area children



Tree planting



Osaka Castle and Osaka Business Park (OBP)





Deepening Ties Through Diverse Local Activities

Kansai EP strengthens its ties with local citizens in myriad ways. To stimulate curiosity toward science and electricity, we go directly into classrooms and conduct workshops involving electricity. To safeguard the lives of senior citizens living alone and protect important cultural properties, we undertake regular inspections of related electrical facilities. We also maintain open avenues of communication by supporting concerts, art exhibitions and other cultural events, and sports activities including football and junior soccer.

Venues for Enjoyable Learning about Energy

With the desire to bring energy concerns into sharper focus at the individual level, we have established "PR Halls" at 20 locations around our operating area. Here, visitors can observe how electricity is generated and learn about energy issues first-hand, in an atmosphere designed for fun and enjoyment.

Joint Action on the Environment

The 21st century is destined to be a century of coping with environmental issues, and at Kansai EP we are determined to support the local community in addressing environmental concerns. Our program of "eco-friendly" activities, implemented at all sales offices, works hand-inhand with local citizens to improve the environment through initiatives such as tree planting and local beautification drives.

Company Profile 2003

Transmission Network

Transmission Network



Supply facilities (As of March 31, 2003)

Power plants:	Hydro:	145	8,135 MW
	Thermal:	13	17,531 MW
	Nuclear:	3	9,768 MW
	Total:	161	35,434 MW
Transmission lines (length):	Overhead	4:	14,287 km
Transmission lines (length):	Overhead Undergro		14,287 km 4,067 km
Transmission lines (length): Distribution lines (length):	0 1011000	und:	
	Undergro	und: 1:	4,067 km

eL ENERGY Company Incorporated SAKAI LNG Corporation Kanden Energy Development Co., Inc. K-Opticom Corporation KIA Heating & Cooling Supply Co., Ltd. Kansai.com, Inc. K-SQUARE. Inc. Osaka Rinkai Energy Service Corporation Wakayama Marina City Energy Service Co., Ltd. Keihan Cable Television KANSAI MULTIMEDIA SERVICE COMPANY Kanden Information Systems Company, Incorporated Energy-Kansai Telecommunication Technology Osaka Media Port Corporation related POWERDCOM. Inc. business LINECOM Co., Inc. **TERUYA** Corporation Akinai Biz Square Corporation Medit Research Institute Co., Inc. Informatior echnology KINDEN CORPORATION The Kanden Kogyo, Incorporated Electricity Kansai Tech Corporation NIHON ARM CO., LTD. TOKO SEIKI CO., LTD. KINKI CONCRETE INDUSTRIES CO., LTD. DAITO CO., LTD. Kansai Instrument Transformer Co., Ltd. NEWJEC INC. KANSAI ENVIRONMENTAL ENGINEERING CENTER CO., LTD. Kansai Electrical Instruments Co., Ltd. SONODA INSTRUMENTS INC. The Kanden Seisakusho Company, Limited KANDEN AMENIX CO., LTD. KANDEN KAKOH CO., Inc. The Kanden Services Company, Incorporated TOKAI DENGYO Company, Incorporated KANDEN WELBE Company, Incorporated Nuclear Engineering, Ltd. Institute of Nuclear Safety System, Incorporated

Group Business

Kanden Gas And Cogeneration Company Incorporated

KOBE HEATING AND COOLING SUPPLY Co., Ltd.

The Kanden Industries, Inc. KANDEN REAL ESTATE CO., LTD. UJIDEN BUILDING CO., LTD. THE AMAGASAKI TECHNOLAND COMPANY INCORPORATED KAN-DEN BUILDING MANAGEMENT Co., Ltd. URBAN SERVICE Co., Ltd. KANDEN EHOUSE CORPORATION Kansai Jyutaku Hinshitsu Hosho Co., Ltd. Kanden Joy Life Co., Ltd. KANDEN Security of Society, Incorporated Clearpass Co., Ltd. EL SUEHIRO FOOD SERVICE CO. KANSAI Medical Net Co., Inc. Kanden CS Forum, Incorporated

Other business areas

Lifecycle

related

ousines

Kansai Power International Corporation Japan Atomic Power Company Wakayama Kyodo Power Company, Inc. Japan Australia Resources Development Co., Ltd. Japan Indonesia LNG Co., Ltd. JISCO-EB. Co., LTD. Kansai Power Venture Management Corporation Kansai Power Business Support Corporation Kurobe Gorge Railway Co., Ltd Kanden EL Auto System Corporation Kanden L-Heart Co., Inc. The Kanden Joinus Company, Incorporated EL Quest Company Inc. OG-Kanden Joint Planning Company KYOSEI Co., Inc. Kanden Ecomelts Co., Ltd. Osaka School Amenity Service Co., Inc.

In-house venture businesses

KANDEN L-FARM CO., LTD. CCL Co., Ltd. KANDEN L-GARDEN CO., LTD. MOSS WORKS KANDEN CO., LTD.

(As of August 31, 2003)

Corporate Data

Corporate Data

Overview	(As of March 31, 2003)	Company
Date of establishment:	May 1, 1951	Kansai Electric Power Company Inc. estal in tandem with reorganization of Japan's power ir
Paid-in capital:	¥489,320 million	Nuclear Power Department founded to conduct re
Outstanding shares:	962.7 million	and development of nuclear
Operating revenues:	¥2,482,743 million (consolidated: ¥2,615,154 million)	Successful installation of transmission line
Total assets:	¥6,772,316 million (consolidated: ¥7,402,327 million)	Naruto Strait using balloon method (first in the
Employees:	23,488	Completion of Kurobegawa No.4 plant after 7 years of difficult const
Energy sales volume:	Lighting: 45,603 million kWh	Summer peak power output exceeds winter peak for fi
	Power: 96,217 million kWh	Summer peak power output exceeds winter peak for in
	Total: 141,820 million kWh	Inauguration of company's first nuclear power plant (Miham
Contracted customers:	Lighting: 11,590 thousand	
	Power: 1,379 thousand	
	Total: 12,969 thousand	Completion of 500 kV trunk r
Gross system input:	154,918 million kWh	
System peak demand:	33,060 MW (August 2, 2001)	Completion of LNG storage facilities at Himeji No
Supply area:	Entire Osaka, Kyoto, Nara, Shiga and Wakayama prefectures; greater part of Hyogo prefecture; portions of Mie, Gifu and Fukui prefectures (total coverage area: 28,700 km ²)	Inauguration of domestic power industry's first total quality control (TQC) p

Recipient of Demin (first outside the manufacturing and construction in

Annual energy sales exceed 100 billion kWh for

Accident involving broken steam generator tube at Mihama N

Institute of Nuclear Safety System, Inc. (INSS) est in response to 1991

Electric Utility Industry Law revised for in 31 years, enabling deregulation of wholesale power operat

Electricity rate reductions impl Organized first bidding for wholesale pow

Electricity rate reductions imp

Revisions to Electric Utility Industry Law amended in liberalization of retail power operations; Imp first electricity rate reductions using new rate-reportir

System peak demand sets new record (33,060 MW) for first time

Electricity rate reductions imp



Brief History

Brief History

pany events	Year	National, world events
. established wer industry	1951	Signing of San Francisco Peace Treaty
uct research uclear power	1957 •	
n line across in the world)	1961 •	
construction	1963	
k for first time	1966	
/lihama No.1)	1970	Osaka Expo '70
	1973	First oil crisis
runk network	1976	
eji No.2 plant	1979	Second oil crisis; Three Mile Island nuclear power plant accident
QC) program	1981	
eming Award on industries)	1984	
	1986	Chernobyl nuclear power plant disaster in the Soviet Union
n for first time	1987	
	1990	International Garden and Greenery Exposition held in Osaka
na No.2 plant	1991	Persian Gulf crisis
) established 991 accident	1992	United Nations Conference on Environment and Development ("Earth Summit") convened in Brazil
for first time erations, etc.	1995	Great Hanshin-Awaji Earthquake
mplemented; power supply	1996	
	1997	Third session of Conference on Parties to United Nations Framework Convention on
implemented	1998	Climate Change (COP3) held in Kyoto
ded, ushering Implemented orting system	2000	
me in 5 years	2001	
implemented	2002	U.S. war against Afghanistan; Inspection improprieties revealed at Tokyo Electric Power Co.
	2003	U.S. war against Iraq

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