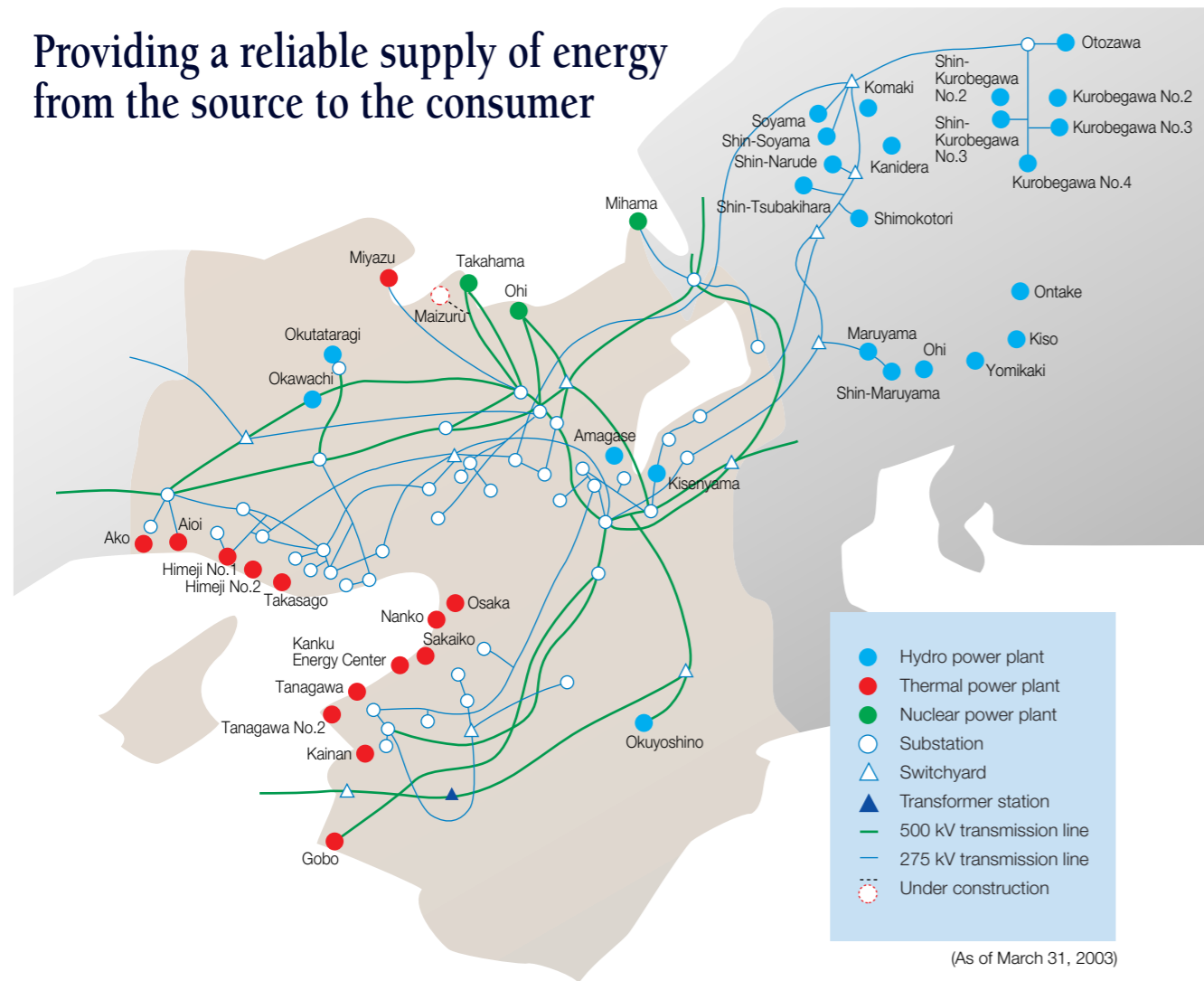


# Transmission Network

Providing a reliable supply of energy from the source to the consumer



### Supply facilities (As of March 31, 2003)

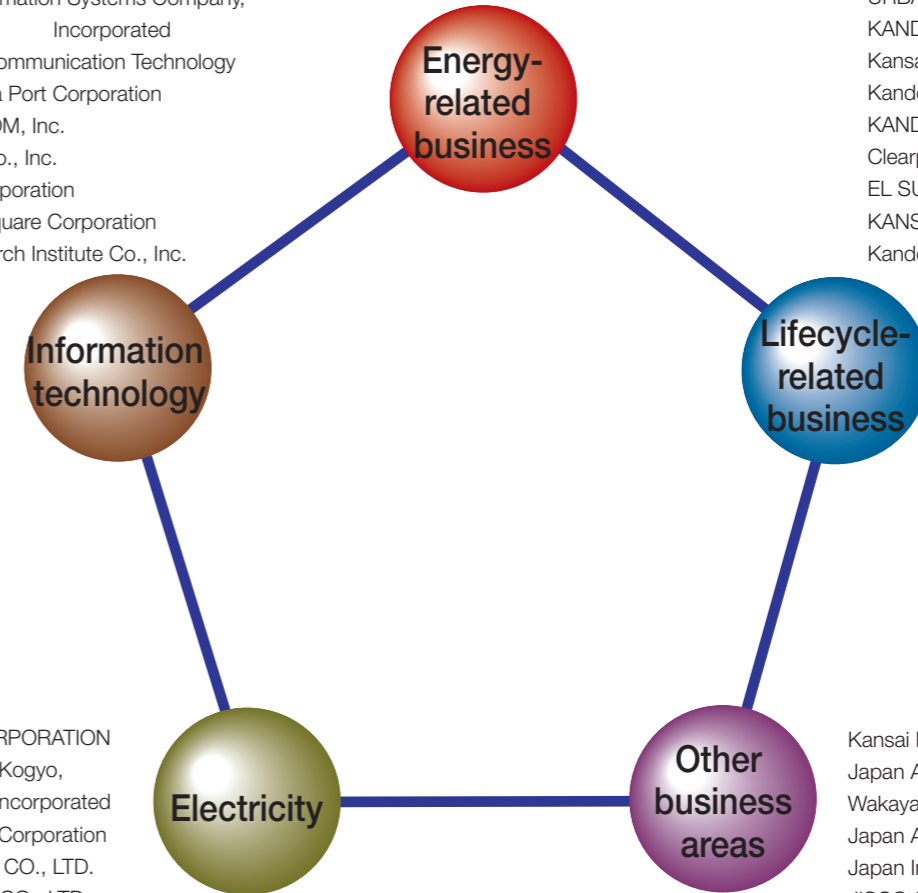
Power plants:	Hydro:	145	8,135 MW
	Thermal:	13	17,531 MW
	Nuclear:	3	9,768 MW
	Total:	161	35,434 MW
Transmission lines (length):	Overhead:	14,287 km	
	Underground:	4,067 km	
Distribution lines (length):	Overhead:	119,571 km	
	Underground:	5,465 km	
Substations:	1,522	149 million kVA	

# Group Business

K-Opticom Corporation  
 Kansai.com, Inc.  
 K-SQUARE, Inc.  
 Keihan Cable Television  
 KANSAI MULTIMEDIA SERVICE COMPANY  
 Kanden Information Systems Company, Incorporated  
 Kansai Telecommunication Technology  
 Osaka Media Port Corporation  
 POWERDCOM, Inc.  
 LINECOM Co., Inc.  
 TERUYA Corporation  
 Akinai Biz Square Corporation  
 Medit Research Institute Co., Inc.

Kanden Gas And Cogeneration Company Incorporated  
 eL ENERGY Company Incorporated  
 SAKAI LNG Corporation  
 Kanden Energy Development Co., Inc.  
 KIA Heating & Cooling Supply Co., Ltd.  
 Osaka Rinkai Energy Service Corporation  
 Wakayama Marina City Energy Service Co., Ltd.  
 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



KINDEN CORPORATION  
 The Kanden Kogyo, Incorporated  
 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

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)