

A mission to deliver.

The power to challenge.

A future to connect.



*Kansai  
Transmission and  
Distribution, Inc.*

Company Profile



Commitment to fair and sincere business activities.

Continuing to provide service to everyone.



Kansai Transmission and Distribution, Inc. began operations in April 2020 as a general power transmission and distribution business that split from The Kansai Electric Power Company, Incorporated in accordance with the revision of the Electricity Business Act.

In accordance with the spirit of the law, we will meet the expectations of society and our customers with fairness and integrity as the basis of our business activities.

The new wheeling charge system in place from fiscal 2023 will help us build and operate efficient transmission and distribution facilities in light of aging facilities and construction of next-generation power networks as part of expanding renewable energy to help create a carbon neutral society and strengthening resilience to deal with increasingly serious natural disasters. We will carry out our unchanging mission of delivering safe, stable, and low-priced electricity by steadily following a business plan under this system and in line with the wishes of our stakeholders.

We will also continue to find ways to utilize our strengths cultivated in the power transmission and distribution business in undertaking new business, both in Japan and overseas, we will grow together as a group along with subsidiaries Kanden Engineering Corp. and The Kanden Services Co., Inc., and we will continue to evolve as a multi-platform energy business\* that provides new value to our customers and society without limiting ourselves to electricity wheeling business.

Kansai Transmission and Distribution will continue to provide services to customers and society based on our mission of “Serving and Shaping the Vital Platform for a Sustainable Society” with dedication to fair and sincere business activities, including strict compliance with laws and regulations, as well as ensuring safety. We look forward to your continued support.

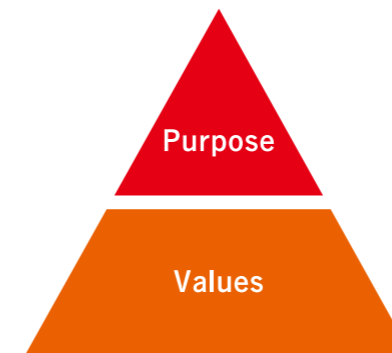
President and Director  
Kansai Transmission and Distribution, Inc.

*Takayuki Habu*

\* A multi-platform energy business refers to an entity that provides new value by bringing together the best products, services, and trade opportunities for customers and society by deepening, expanding, and combining various platforms including a company's data, facilities (power facilities), transactions (new value transactions beyond electricity), and human resources (personnel, technical know-how).

## Management Philosophy

Kansai Transmission and Distribution Group  
Management Philosophy Purpose & Values



### Purpose

**Serving and Shaping the Vital Platform  
for a Sustainable Society**

### Values

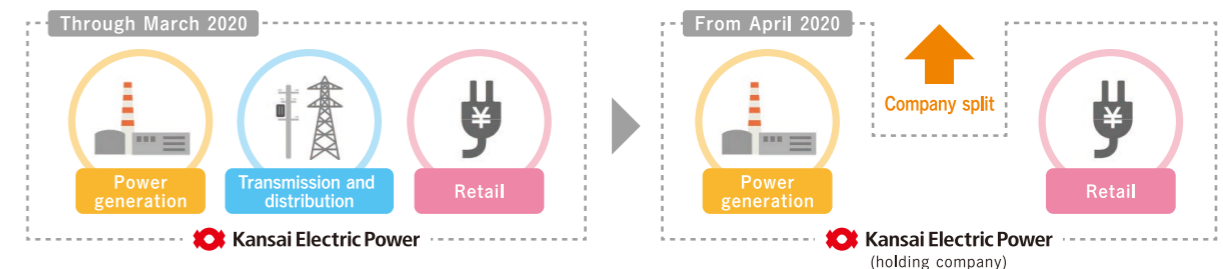
**Fairness × Integrity × Inclusion × Innovation**

With dedication to safety and security, we will act upon  
the values of Fairness, Integrity, Inclusion, and Innovation.

## Post-split Kansai Transmission and Distribution

Through March 2020, Kansai Electric Power was responsible for the power generation, transmission and distribution, and retail businesses. In April 2020, under the Electricity System Reform, Kansai Transmission and Distribution began operations by taking over the transmission and distribution business, with the goal of ensuring stable supply, controlling electricity costs, and providing greater customer options and business opportunities for companies. We strive to ensure both greater neutrality and fairer and more equitable business operations.

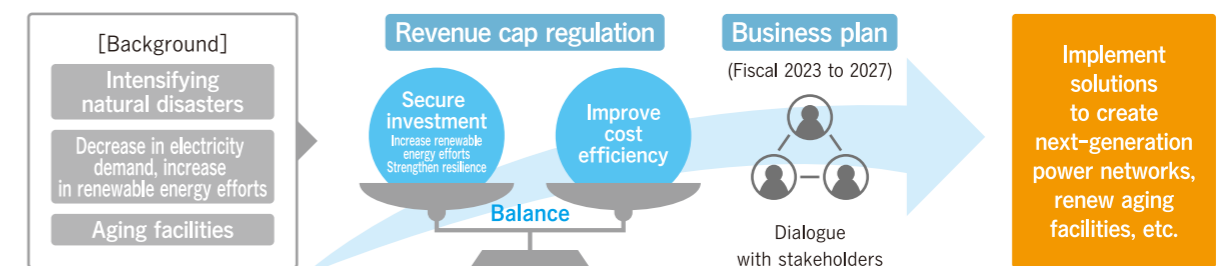
**Kansai Transmission and Distribution**  
(transmission and distribution company)



## New wheeling charge system (revenue cap regulation)

The new wheeling charge system introduced from fiscal 2023 will secure investment by general power transmission and distribution operators (“operators”) and improve cost efficiency to respond to intensifying natural disasters, a decrease in electricity demand, expanding renewable energy, and aging\* facilities. Operators will formulate a five-year business plan, calculate the estimated costs required to implement that plan, and apply to the government for examination and approval of the amount as a revenue projection. By implementing business activities based on this business plan, operators will resolve our issues, such as creating next-generation power networks and renew aging facilities.

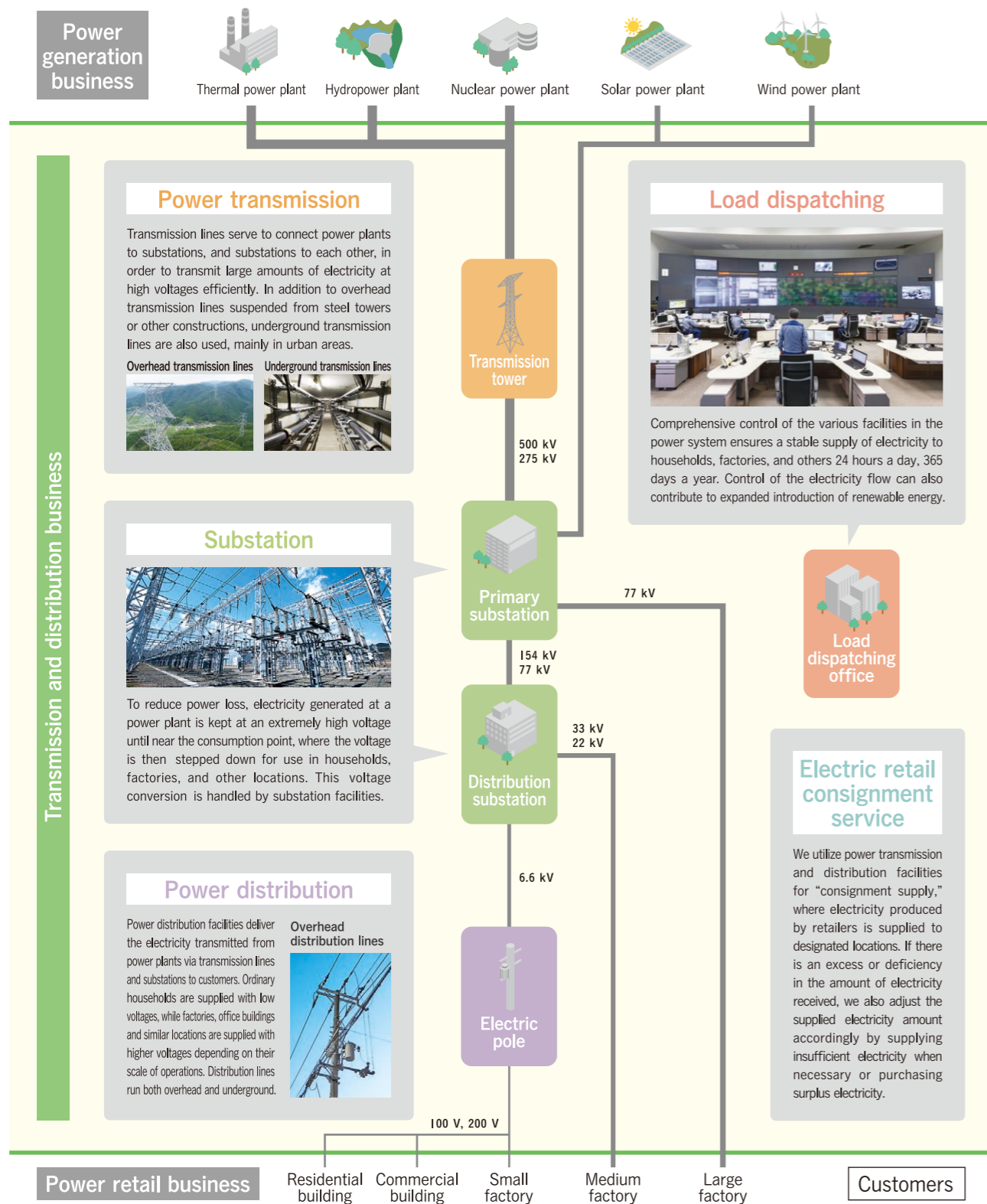
\* Aging refers to the fact that most transmission and distribution facilities were constructed after the period of high economic growth and have been in use for a long time.



# Transmission and Distribution Business



## Ensuring a Safe and Stable Supply of Electricity



## Preventing power outages

To ensure a safe and stable supply of electricity in support of today's lifestyles, we work to prevent power outages by conducting patrols and inspections of transmission and distribution facilities. At our aging facilities, we incorporate AI and collect and analyze maintenance data to further improve the accuracy of facility management and operations, and we continue to systematically update our facilities.

### Proper maintenance and operation facilitate management of transmission and distribution facilities

When a fault occurs, it can lead to a widespread power outage. We carefully monitor and regularly patrol and inspect our facilities located in various environments, ranging from electric poles in cities to rugged mountainous and snowy areas. We also replace or repair parts as necessary.



### Countermeasures against aging transmission and distribution facilities to ensure safe and stable supply of electric power

In addition to the patrolling and inspection of aging transmission and distribution facilities, we have established systems that use AI and other technologies to analyze the large volumes of facilities data we collect, analyze deterioration of facilities, and estimate service life. We also use evaluations of the risks of facilities based on the possibility and impact of equipment failures to renew facilities at the most suitable times.



### DX (digital transformation) initiatives for patrolling transmission and substation facilities

We are already introducing and utilizing drones during patrols and on-site investigations to perform visual checks and collect device data at steel towers and transmission lines. In the past, workers had to perform work on steel towers during patrols and inspections of steel towers and transmission lines, but now drones are used to perform aerial checks, enhancing the efficiency of operations. We will further promote DX in the future through initiatives such as using drones and robots to investigate the insides of substations.



Drones (left) and small camera-equipped robots (right) are being considered for investigating the insides of substations.

## Restoring power quickly

When a power outage occurs during a storm or other event, we quickly assess the status and begin rapid efforts to restore power. Our front-line personnel are always working to further enhance their skills. In addition, we utilize a SCADA system and automated power distribution system and take various efforts to quickly restore power by working with municipalities and other outside organizations.

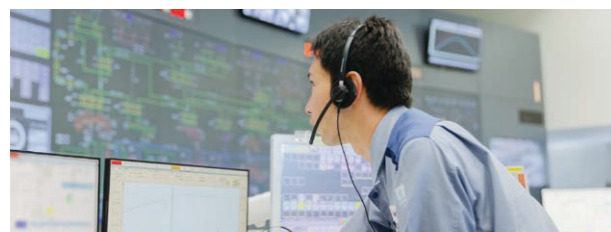
### Rapid recovery and extensive training in case of a disaster

In order to fulfill our mission of ensuring a safe and stable supply of electricity, we regularly conduct power outage recovery drills. Through our "Company-wide Skills Presentation," we are aiming to further enhance the skills of personnel working at the front line. In the event of a disaster, we quickly collect information and investigate the extent and status of the damage and then use that information to work towards rapid recovery. We will continue to further strengthen our readiness in preparation for major disasters.



### Supervising power system and early recovery from power outages

At the Central Load Dispatching Office as well as the Regional Load Dispatching Control Centers and other facilities for each area, we maintain a constant supervision of the electricity flow, in order to respond quickly if a power outage should occur. If a power outage occurs, the SCADA system and distribution automation system are used to quickly detect the fault location and immediately isolate it so that power can be quickly restored. At the same time, a work team makes its way to the site to remove the cause of the power outage.



### Working with municipalities, etc. in case of a disaster

In the event of a typhoon, earthquake, or other natural disaster, we cooperate with municipalities and other outside organizations to ensure quick recovery and proper information dissemination. We have cooperative agreements with these organizations, and have a disaster response system in place to regularly hold joint training and other preparatory measures.



### Disseminating power outage information in a timely manner

To ensure timely dissemination of information to as many people as possible in the event of a power outage, we use various methods to provide that information, such as the Kansai Teiden Joho (Kansai power outage information) smartphone app, our website, and social media.



Scan here to download the app



Power outage information is sent by push notifications. Users can register for up to 10 areas.

Check the progress of restoration efforts and expected time power will be restored.

Power Outage Info App (Japanese only)

## Together with the community

Coexisting with the community while using the Group's resources



Providing harvested trees (left) as food to a zoo

Each year in June, we celebrate Community Appreciation Month as an opportunity to convey our appreciation to everyone in the community who uses electricity in our supply area where we install and operate transmission and distribution facilities including substations, transmission towers, and electric poles. During Community Appreciation Month, we inspect and clean electrical equipment at cultural assets using our equipment and technical know-how, and cooperate with community events. Through dialogue with our stakeholders and other opportunities, we collect opinions and requests from members of the local community as well as best practices, and share and discuss these internally to reflect them in our business activities.

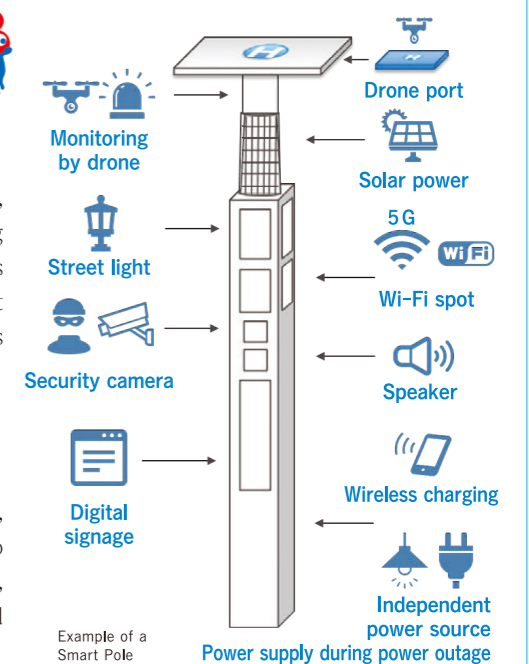
We participate in Future Life Expo: Future City as part of the Future Society Showcase Projects Exhibition at Expo 2025 Osaka, Kansai, Japan, as a bronze partner.



We are developing Smart Poles, which can add a variety of functions, including energy supply and wireless smartphone charging using solar power generation as well as security and monitoring functions using drones and a camera installed in the Pole. We plan to exhibit and demonstrate Smart Poles at Future Life Expo: Future City as infrastructure that can help solve social issues in future cities.

We are building the power infrastructure for Expo 2025 Osaka, Kansai

We are part of the corporate group entrusted with the design, installation, maintenance, and operation of electric equipment to help build the power infrastructure inside the Expo 2025 Osaka, Kansai venue. We will perform the installation without delay and with safety as a top priority to contribute to hosting the expo.



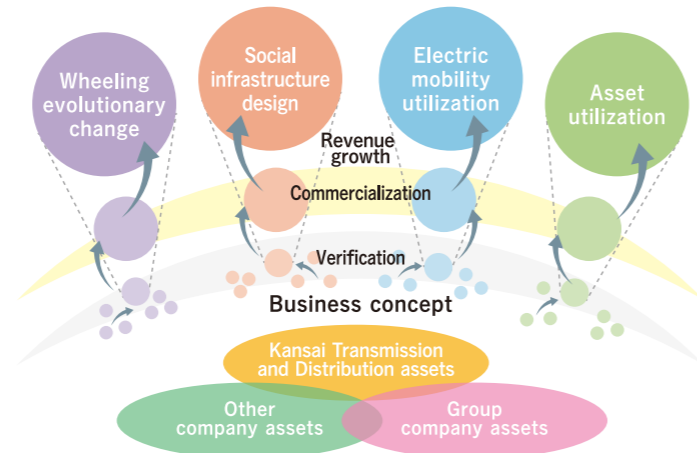
Example of a Smart Pole

Power supply during power outage



### Business outline

Utilizing our facilities located throughout the Kansai region and drawing on our accumulated technologies and extensive experience, Kansai Transmission and Distribution is venturing into new business areas such as providing services that use location information on electric poles and smart meter data. More specifically, centering on four strategic areas, we will create new services that will make a positive difference in local communities and society.



### Business outline

Kansai Transmission and Distribution utilizes the technical capabilities and expertise acquired across all domestic power transmission and distribution operations, including planning and operating power systems, and survey, design, construction, and maintenance work in the power transmission and conversion, power distribution, security, and control fields. We will continue to work with Group companies to expand the power transmission and distribution business overseas and promote international cooperation to boost profitability and advance technical capabilities.

### Introduction of new business

#### OTTADE!

The OTTADE! service allows customers to confirm their children's location history including the routes traveled. The signal emitted from a small device carried by each child can be detected by fixed base stations (detection devices) and mobile base stations (detection devices). Data is collected every time the child passes by these stations. This service is useful for monitoring activities such as children going to and from school.

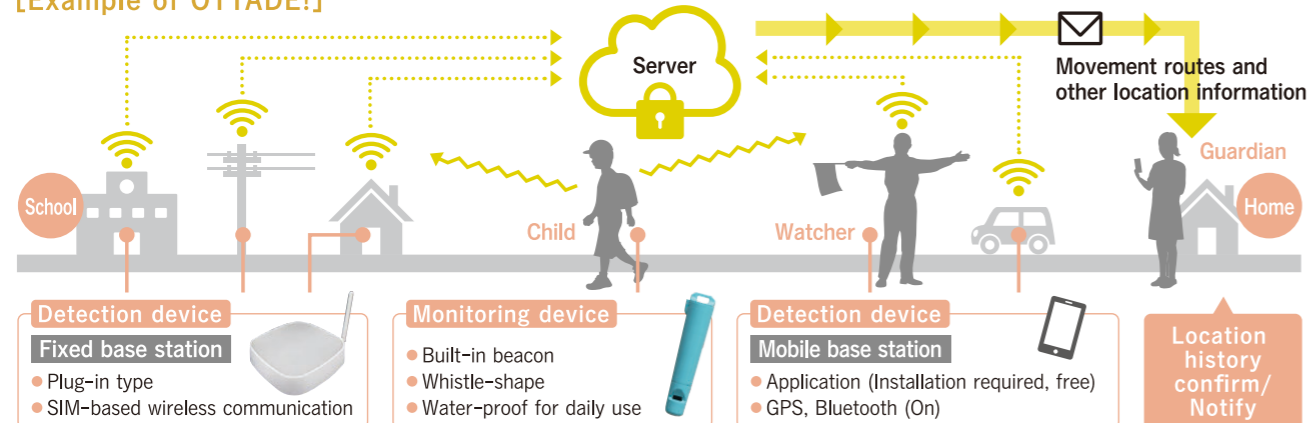
#### Development of frequency regulation technology using storage batteries

With the goal of establishing frequency control technology utilizing storage batteries and EVs, we are working on creating virtual power plants (VPPs). We are advancing efforts to create technologies that we can also use in future power grids, including to solve problems related to the mass introduction of renewable energy and to help establish a zero-carbon society.

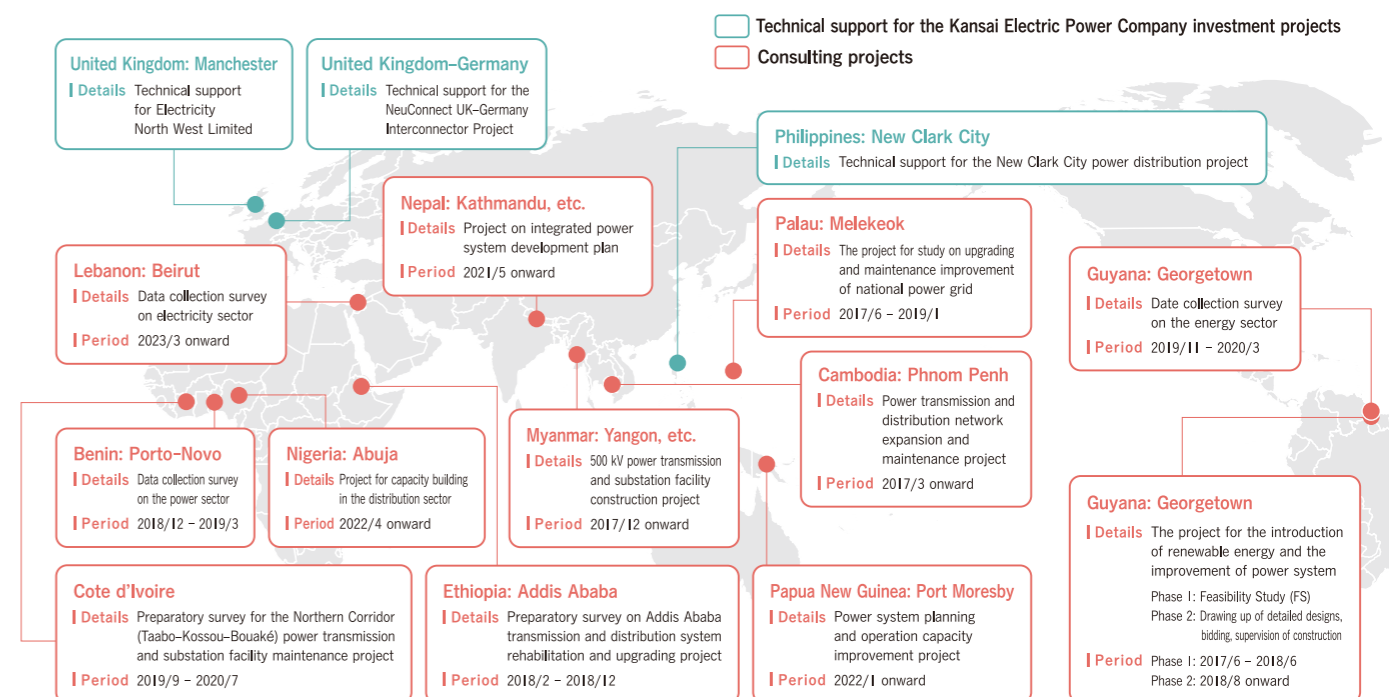
#### Research into roadside transformer digital signage

We are looking into disseminating information using roadside transformers installed in areas without electric poles. By installing digital signage and wrap advertisements on roadside transformers and using that to disseminate public information, we aim to improve convenience and help solve issues in the community.

#### [Example of OTTADE!]



### Major overseas projects



# Corporate Information

## [Outline]

Company name Kansai Transmission and Distribution, Inc.  
 Establishment date April 1, 2019  
 (Business continuation as of April 1, 2020)  
 Capital ¥40 billion  
 Supply area Osaka, Kyoto, Hyogo (excluding some areas),  
 Nara, Shiga, Wakayama, parts of Mie,  
 parts of Gifu, parts of Fukui  
 Number of employees 8,728 (As of April 1, 2023)  
 \* Excluding employees on loan and on administrative leave

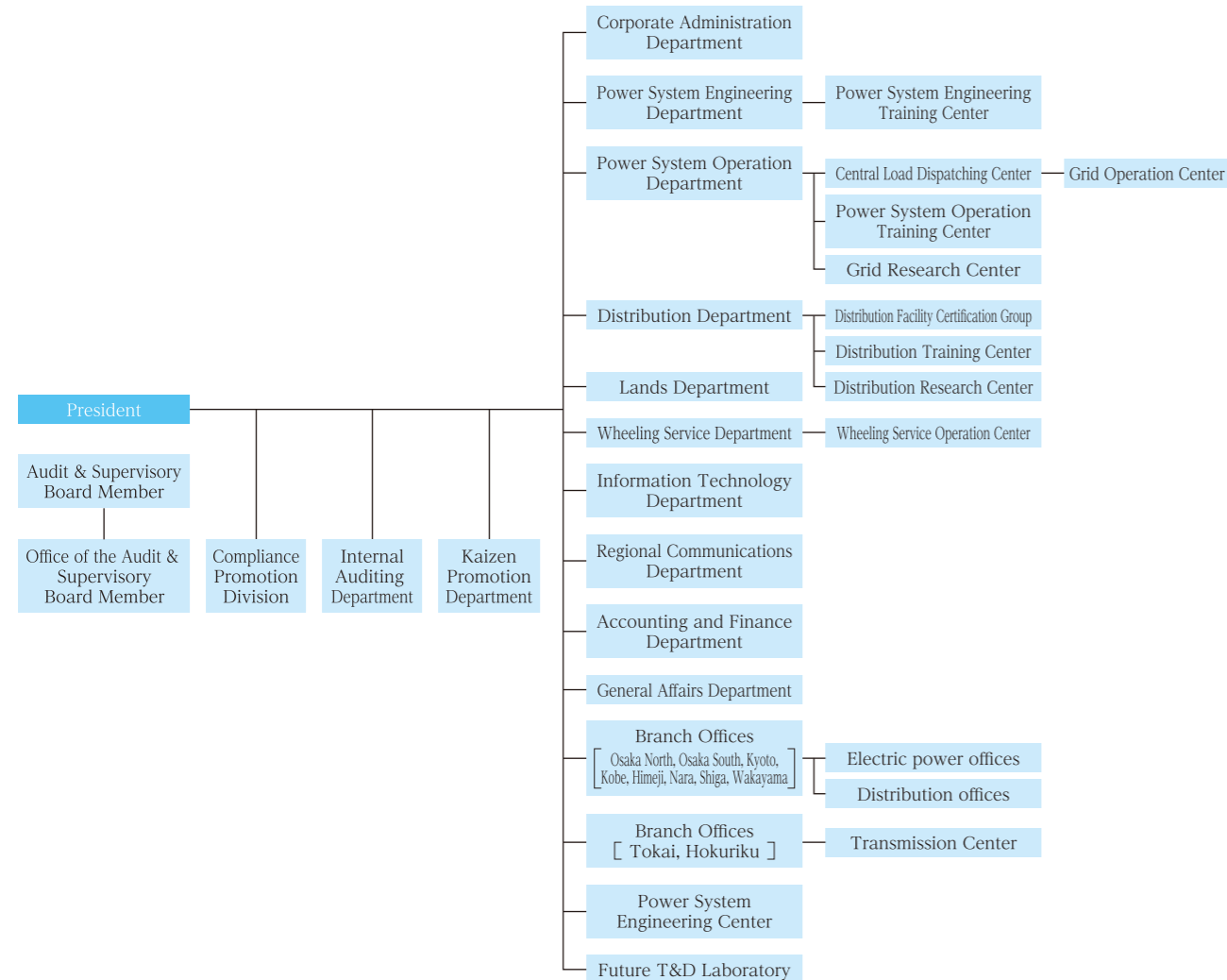
### Executives

Takayuki Hakugin, President and Director  
 Kazuaki Takaichi, Director and Executive Vice President  
 Hiromi Ohkawa, Director and Managing Executive Officer  
 Yukio Tokimasa, Director (part-time)  
 Masanobu Noda, Director (part-time)  
 Masahiko Tsuda, Audit & Supervisory Board Member  
 Seiichiro Toda, Audit & Supervisory Board Member  
 Yasuji Shimamoto, Outside Audit & Supervisory Board Member (part-time)  
 Atsushi Nishida, Managing Executive Officer

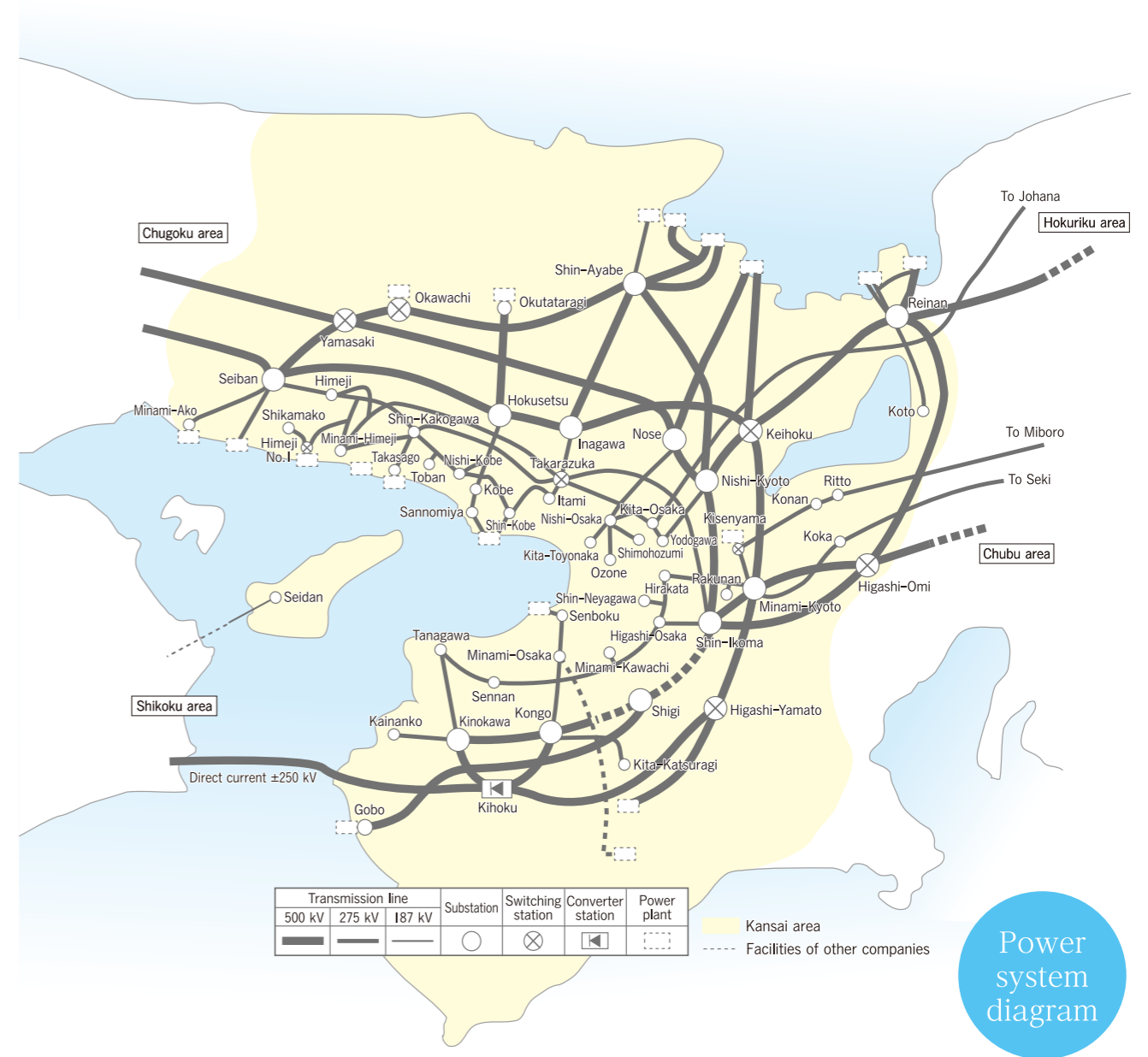
Takeshi Myotoku, Executive Officer  
 Yasuo Matsuura, Executive Officer  
 Naohiro Takeshima, Executive Officer  
 Hiroaki Nishigami, Executive Officer  
 Koji Teramachi, Executive Officer

\* As of July 1, 2023

## [Organization Chart]



\* As of July 1, 2023



## [Group Companies]

Kanden Engineering Corp.  
 The Kanden Services Co., Inc.

## [Jurisdiction Facilities]

Control Centers	3 (excluding manned substations)	Overhead transmission lines* <sup>1</sup>	14,181 km
Load dispatching offices/ Load dispatching control centers	9	Underground transmission lines* <sup>1</sup>	4,600 km
Substations	955 (not including unit substations and switching stations)	Overhead distribution lines* <sup>2</sup>	126,570 km
Switching stations	35	Underground distribution lines* <sup>2</sup>	6,739 km
Converter station	1		

\*<sup>1</sup> Including distribution lines over 20 kV  
 \*<sup>2</sup> Excluding distribution lines over 20 kV  
 \* Figures as of end of March 2023



## Kansai Transmission and Distribution, Inc.

3-6-16 Nakanoshima, Kita-ku, Osaka 530-0005 Japan  
<https://www.kansai-td.co.jp/english/>

