

## Disaster Mitigation Efforts

SOCIAL



### Disaster mitigation efforts

#### ► Policy and Concept

##### ● Preparing for a major disaster

In the event of a large-scale disaster such as an earthquake or typhoon, the Kansai Electric Power Co., Inc. and Kansai Transmission and Distribution, Inc. will ensure the safety of our employees and their families and fulfill our responsibilities of providing a stable supply of electricity and gas in an integrated manner. To this end, we promote disaster mitigation initiatives that will strengthen facilities to withstand various natural disasters. We have also put in place a disaster control system to enable rapid recovery. Particularly, in the event of the Nankai Trough Earthquake, a megathrust earthquake which is feared to hit in the future, we will follow the basic plan for mitigating disaster announced by the Japanese government and take carefully planned disaster response and recovery measures in place.

In addition, amid the COVID-19 pandemic, we implement various measures so it will not interfere with our emergency response.

Furthermore, through disaster mitigation events and lectures, we provide information on disasters and how we can be prepared, and carry out activities to raise awareness on disaster mitigation in local communities.

##### ● Strengthening our disaster response system

We are enhancing our response systems to prepare for rapid initial response upon the occurrence of disasters. This includes the designation of individuals who arrive at the workplace early and night watches by initial response supervisors, along with the implementation of special training for supervisors and individuals in charge of initial response several times a year.

Moreover, with the President of the Kansai Electric Power Co., Inc. serving as Chief of the Emergency Headquarters, group-wide comprehensive emergency response drills are conducted every year and these drills see full collaboration between the Kansai Electric Power Co., Inc. and Kansai Transmission and Distribution, Inc. We are committed to improving our disaster response skills and raising disaster awareness, not only to prepare for the occurrence of the Nankai Trough Earthquake but also with consideration for severe accidents such as the simultaneous occurrence of a nuclear power disaster or during occasions when the balance of power supply and demand is tight. In the event of a major disaster, employees will be notified of any information pertaining to the disaster at the same time. We also have established action standards so that we can build a response system promptly after a disaster occurs, even on holidays or during the night.



Group-wide comprehensive emergency response drills

Number of participants in group-wide comprehensive emergency response drills (fiscal 2021) **1,141**

#### ► System

The Kansai Electric Power Co., Inc.: Disaster Mitigation Group, Office of General Administration

Kansai Transmission and Distribution, Inc.: Disaster Mitigation Group, General Affairs Department

#### ► Goals

- Improve employee skills in responding to disasters and increase awareness about disaster preparation by implementing preventive measures for COVID-19, such as avoiding the Three Cs (crowded places, close-contact settings, and confined spaces), with the use of IT tools, in the group-wide comprehensive emergency response drills to allow more people to participate.
  - Fiscal 2021 results: 1,141 employees participated
- Actively participate in emergency response drills and disaster mitigation events held by concerned external organizations.
  - Fiscal 2021 results: Drill participation: 33 times Exhibited the PR booth: 4 times Held lecture/briefing sessions: 127 times
- Hold a disaster mitigation meeting on a regular basis to respond to the Nankai Trough Earthquake Extra Information and take appropriate measures to the risks related to major disasters, including other natural disasters, cyber attacks, and the spread of COVID-19.
  - Fiscal 2021 results: Held disaster mitigation meetings: 20 times



## ▶ Efforts

### ● Response to the Nankai Trough Earthquake Extra Information

Following the Cabinet Office's decision on the announcement of the Nankai Trough Earthquake Extra Information in 2019, we examined a policy on how to respond to the anticipated major earthquake when the special information (Major Earthquake Warning) is announced. Specifically, we will strive to fulfill our responsibilities for a safe and stable supply by continuing our business in areas subject to pre-evacuation and moving our offices to alternative bases. Going forward, we will proceed with further studies based on findings published by related organizations.

### ● Strengthening our disaster response system

Based on the inter-business collaboration plan in disaster responses (submitted to the Minister of Economy, Trade and Industry on July 9, 2020), we will strive for a stable power supply through quick recovery in the event of a disaster by cooperating with general power transmission and distribution business operators and related organizations. The plan outlines the implementation of joint emergency drills that involve general power transmission and distribution companies including Kansai Transmission and Distribution, Inc. and related organizations, aiming for enhanced cooperation to ensure a more resilient power supply. We will continue to strengthen our efforts for swift disaster recovery.

Additionally, in order to promptly respond to disasters that have been intensifying in recent years, we have revised our inter-business collaboration plan in disaster responses (submitted to the Minister of Economy, Trade and Industry on June 25, 2021) by stipulating that a general power transmission and distribution company may request support from its peers depending on the scale of expected damage, when extensive damage and a shortage of restoration personnel are anticipated prior to the occurrence of a disaster.

### ● Strengthening collaborative ties with concerned external organizations

Even in times without disasters, we are working to build relationships with local governments, police, fire departments, the Japan Self-Defense Forces, the Japan Coast Guard and other concerned external organizations as well as other electric power companies in order to enable smooth mutual cooperation during times of emergency and restore electric and gas service as quickly as possible.

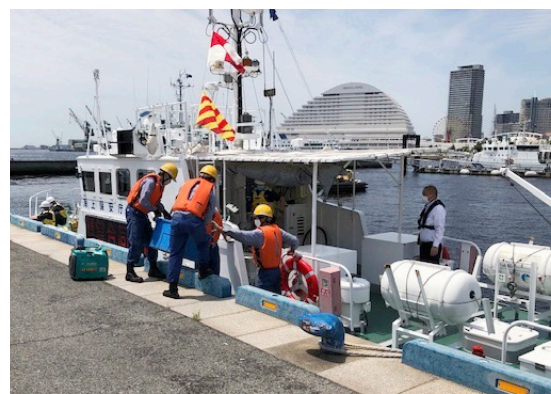
Specifically, we proactively participated in disaster response training sessions and programs held by municipalities and designated public corporations; moreover, we conducted joint training with the Self-Defense Forces and the Japan Coast Guard according to a cooperative system to respond to disasters.



Marine transport drill with Japan Maritime Self-Defense Force Maizuru Regional Headquarters in March 2021



Helicopter transport drill with Japan Ground Self-Defense Force Middle Army in March 2021



Marine transport drill with 5th Regional Coast Guard Headquarters in June 2021



## ● Contribution to raising awareness of disaster mitigation in local communities

We run booths at disaster drills and events held by local governments, and carry out activities to raise awareness of disaster mitigation using our Disaster Preparedness Handbook as well as through experience of operating seismic breakers.

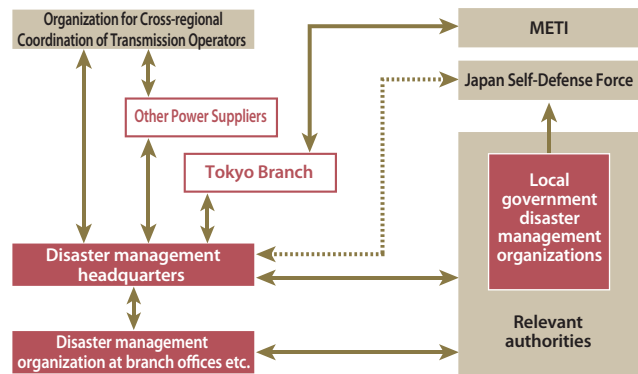
Moreover, for a wide range of generations, from students to neighborhood associations, we create opportunities to explain what damage and disruption could be expected following the Nankai Trough Earthquake, as well as the damage caused by disasters in recent years, and our routine preparations. Through these efforts, we contribute to promoting understanding of the importance of disaster response and preparedness.

### ◆ Disaster Preparedness Handbook

Disaster Preparedness Handbook is disclosed on the websites of the Kansai Electric Power Co., Inc. and Kansai Transmission and Distribution, Inc. It will help with disaster mitigation efforts in the home.



### ◆ Emergency system for communicating with relevant authorities



## ● Relevant data

	2020/3	2021/3	2022/3
Number of participants in group-wide comprehensive emergency response drills	908	1,175	1,141
Participation in emergency response drills held by concerned external organizations	79	12	33
<b>Policy</b>			
Emergency response policy	Established	Included in the Disaster Mitigation Plan <a href="https://www.kansai-td.co.jp/corporate/information/2020/pdf/20200605_1_01.pdf">https://www.kansai-td.co.jp/corporate/information/2020/pdf/20200605_1_01.pdf</a>	