

JICA Knowledge Co-Creation Program (FY2024)
"Power Grid Planning and Operation (A)"

Japan Electric Power Information Center (JEPIC) conducted a technical training program under the contract with JICA. The training was implemented under the cooperation of Kansai Transmission and Distribution, Inc. as follows,

Date	From January 21 (Tue.) to January 31 (Fri.), 2025
Organization	Japan Electric Power Information Center, Inc. Kansai Transmission and Distribution, Inc.
Participant	Total 22 participants from 22 countries (Bhutan, Cambodia, Cote d'Ivoire, India, Jordan, Kenya, Liberia, Madagascar, Malawi, Mauritania, Nigeria, Pakistan, Papua New Guinea, Philippines, Samoa, Senegal, Sierra Leone, Sri Lanka, Tanzania, Uganda and Uzbekistan, Vietnam)
Contents	<ul style="list-style-type: none"> • Lecture, Question and Answer <ul style="list-style-type: none"> ✓ Outline of Electric Power Industry in Japan ✓ Lecture by KEPCO <ul style="list-style-type: none"> Overview of Japanese Power System & Outline of Kansai TD / Principle of Power System Planning / Supply and Demand Control / Demand and Supply Planning / The Method of Frequency Control in Japan to Maintain Frequency / Influence and Challenges on Power Grid Operation with High Penetration of Renewable Energy / Protection System for Power System / Overview of Substation Maintenance in Kansai / Outline of Overhead Transmission Line Maintenance / Operation Outline of Load Dispatching and Control Center / Overview of Organization and Distribution Facilities • Orientation, Action Plan Report Presentation • Site Visit <ul style="list-style-type: none"> Daihen Corporation / Nissin Electric Co., Ltd / Sumitomo Electric Industries, Ltd / Enegate Co., Ltd / Otowa Electric Co., Ltd / Central Load Dispatching Center / Wakayama Substation / Kinokawa Substation

