

**JICA Knowledge Co-Creation Program (FY2023)
"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 The Kansai Electric Power Co., Inc. and Kansai Transmission and Distribution, Inc. as follows,

Date	From August 29 (Tue.) to September 14 (Thu.), 2023
Organization	Japan Electric Power Information Center, Inc. The Kansai Electric Power Co., Inc. (KEPCO) Kansai Transmission and Distribution, Inc.
Participant	Total 10 participants from 10 countries (Cote d'Ivoire:1, Ethiopia:1, Ghana:1, Malawi:1, Palestinian Authority:1 Senegal:1, Sierra Leone:1, Tanzania:1, Uganda:1, Zimbabwe:1)
Contents	<ul style="list-style-type: none"> • Lecture, Question and Answer <ul style="list-style-type: none"> ✓ Outline of Electric Power Industry in Japan ✓ TQM Workshop ✓ Lecture by KEPCO <ul style="list-style-type: none"> - Outline of KEPCO - Principle of Power System Planning - Supply and Demand Planning - Supply and Demand Control - Operation Rule in Central and Western Interconnection System - Current Status and Issues of Renewable Energy Interconnection - Operation Outline of Load Dispatching and Control Center - System Outline of Load Dispatching and Control Center and Cyber Security - Initiatives for Disaster Recovery - Maintenance and Servicing of Power Transmission Facilities - Outline of Substation Facilities - Protection System for Power Grid and Protection Relay • Orientation, Inception Report Presentation, Action Plan Making and Discussion, Action Plan Report Presentation • Site Visit <ul style="list-style-type: none"> ✓ OCCTO ✓ Waseda University EMS ✓ Sumitomo Electric Industries, Ltd. ✓ Mitsubishi Electric Corporation ✓ KEPCO, Kansai Transmission and Distribution, Inc.

