



### **Research Project on Submarine Transmission Line to Enable Singapore to Import Low-Carbon Electricity from Indonesia and Neighboring Countries Selected for METI FY2024 Supplementary Subsidy for Global South Future-Oriented Co-Creation Project**

June 8, 2026

TEPCO Power Grid, Inc.

On February 5, 2026, TEPCO Power Grid, Inc. (Head Office: Chiyoda-ku, Tokyo; President: Yoshinori Kaneko, hereinafter “TEPCO PG”) hereby announces that the “Research project on submarine transmission line to enable the Republic of Singapore to import low-carbon electricity from the Republic of Indonesia and neighboring countries” (hereinafter “the Project”) has been selected for the Ministry of Economy, Trade and Industry's FY 2024 Supplementary Subsidy for Global South Future-Oriented Co-creation Project (Small-Scale Demonstration/Feasibility Study Project)\*<sup>1</sup>, and the grant was formally approved on May 22, 2026.

The Project aims to conduct a feasibility study of a submarine transmission line project in Singapore and Indonesia.

Currently, Singapore faces challenges in introducing low-carbon electricity such as solar power generation due to factors including limited land availability. With a target of introducing 6 GW of low-carbon electricity by 2035, Singapore is planning the submarine transmission project\*<sup>2</sup> to connect countries and regions to import low-carbon electricity from neighboring countries including Indonesia. TEPCO PG will conduct a feasibility study on the 3.4 GW submarine transmission line project planned between Singapore and Indonesia.

The Project will assess the feasibility of the submarine transmission line project to enable the cross-border transfer of low-carbon electricity. It will also evaluate the current status and challenges of regulatory frameworks, covering revenue models and tariff systems, as well as technical aspects such as grid congestion and maintenance and operation systems. Based on these findings, necessary conditions for participation will be identified and proposals will be developed.

We will continue to pursue synergies by capturing business opportunities arising from decarbonization trends overseas and by applying advanced expertise gained abroad in Japan. To this end, we will promote initiatives such as building relationships with partner companies through participation in international interconnection development projects, as well as promoting public-private partnerships to support the energy transition in emerging economies.

\*1: The Ministry of Economy, Trade and Industry's FY 2024 Supplementary Subsidy for Global South Future-Oriented Co-creation Project (Small-Scale Demonstration/Feasibility Study Project)  
[https://gs-hojo-web-fspoc.jp/assets/files/saitaku/saitakukekka\\_260205.pdf](https://gs-hojo-web-fspoc.jp/assets/files/saitaku/saitakukekka_260205.pdf) [in Japanese only]

\*2: Energy Market Authority: Regional Power Grids  
<https://www.ema.gov.sg/our-energy-story/energy-supply/regional-power-grids>