

August 24, 2026

The Kansai Electric Power Co., Inc.

Cosmo Oil Co., Ltd.

**KEPCO and Cosmo Oil Win Bid for “Advanced CCS Projects:
Engineering Design Work for CO₂ Separation and Capture, Liquefaction, Temporary
Storage, and Loading Facilities for Marine Transportation”**

To date, The Kansai Electric Power Co., Inc. (hereafter, “KEPCO”) and Cosmo Oil Co., Ltd. (hereafter, “Cosmo Oil”) have been commissioned by the Japan Organization for Metals and Energy Security (hereafter, “JOGMEC”) to undertake work related to its “Engineering Design Work for Advanced CCS Projects,” and have been advancing studies toward the establishment of a CCS¹ value chain in the Sakai-Semboku area of Osaka Prefecture.

[Refer to the [press release](#) issued on October 10, 2024]

KEPCO and Cosmo Oil on August 21st won a bid and entered into a contract with JOGMEC to conduct engineering design work for the CCS project that the two companies are jointly studying in the Sakai-Semboku area of Osaka Prefecture, following a public call for bids by JOGMEC for the FY2026 “Advanced CCS Projects: Engineering Design Work for CO₂ Separation and Capture, Liquefaction, Temporary Storage, and Loading Facilities for Marine Transportation.”

Under this commissioned research project, the two companies will carry out engineering design work for facilities covering the process from separation and capture of CO₂ emitted from KEPCO's Sakaiko Power Station and Cosmo Oil's Sakai Refinery, both located in the aforementioned area, through joint liquefaction and temporary storage at the Sakaiko Power Station, to subsequent shipment from Cosmo Oil's shipping piers to storage sites. Building on results of studies conducted through the last fiscal year, the two companies will jointly explore efficient facility configurations based on shared use of liquefaction, storage, and loading facilities. The two companies expect combined annual CO₂ shipments of approximately 750,000 tons.

With a view to future cooperation with other business operators that have CO₂ emission sources² in the area, the two companies will conduct studies toward establishment of an area-wide CCS value chain, thereby contributing to the realization of a zero-carbon society.

1. CCS (Carbon dioxide Capture and Storage) is a technology for capturing CO₂ from exhaust gas and

storing it underground, etc.

2. Factories, power plants, and other business sites that emit CO₂

(End)

Appendix: Conceptual Diagram of the CCS Value Chain

■ Conceptual Diagram of the CCS Value Chain

