

## **J-POWER Completes Installation of Wind Challenger on Fuel Transportation Vessel**

### **-Second Fuel Transportation Vessel Equipped with Wind Propulsion System, Advancing Decarbonization of Fuel Transport-**

Electric Power Development Co., Ltd. (J-POWER, headquartered in Chuo-ku, Tokyo; President and CEO: Hideaki Kato) and Mitsui O.S.K. Lines, Ltd. (MOL, headquartered in Minato-ku, Tokyo; President and CEO: Jotaro Tamura) completed the installation of the Wind Challenger (a hard sail wind propulsion system) on the fuel transportation vessel KUROTAKISAN MARU III (completed in December 2021; the “Vessel”) in March 2026.

Reference (previous press release, May 24, 2024):

[J-POWER to Equip Fuel Transportation Vessel with Wind Challenger \(Hard Sail Wind Propulsion System\)](#)

The Wind Challenger uses a retractable, extendable hard sail to convert wind energy into propulsive force. Installing this system is expected to improve the Vessel’s fuel efficiency, reducing fuel consumption and greenhouse gas emissions by approximately 5 to 8%.



Vessel with Wind Challenger installed

This marks the second time that J-POWER has completed the installation of a wind propulsion system on a fuel transportation vessel. By installing wind propulsion systems and other fuel-saving equipment on existing vessels, J-POWER is working to improve fuel efficiency and contribute to the reduction of greenhouse gas emissions in the shipping industry. J-POWER will continue to take on challenges toward achieving carbon neutrality, as set forth in [J-POWER “BLUE MISSION 2050.”](#)