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NIPPON GAS LINE CO., LTD.

NIPPON GAS LINE Receives Contribution Award from the Japan Society of Mechanical Engineers

NIPPON GAS LINE CO., LTD. has received the Contribution Award from the Power and Energy Systems Division of the Japan Society of Mechanical Engineers (JSME) for the “World’s First Demonstration of Liquefied CO₂ Marine Transport under Low-Temperature and Low-Pressure Conditions.”

This project was conducted as part of a research, development, and demonstration program of the New Energy and Industrial Technology Development Organization (NEDO), with the aim of establishing liquefied CO₂ marine transport technology. An integrated ship-to-shore system was developed to cover the entire process, from CO₂ liquefaction and storage to marine transport and ship-to-shore cargo handling. Through round-trip transport demonstrations between locations approximately 1,000 km apart, the project comprehensively verified the system’s safety, operability, and economic viability.

The award recognizes achievements including the world’s first demonstration of ship-to-shore cargo handling and marine transport of liquefied CO₂ under low-temperature and low-pressure conditions.

【Contact for Inquiries】

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