

Osaka Gas collaborates with TES, European large-scale e-methane producer, in comprehensive e-methane studies

September 4, 2023

Osaka Gas Co., Ltd.

Osaka Gas Co., Ltd. (Osaka Gas) announced today that its wholly owned subsidiary, Osaka Gas UK, Ltd. (OGUK), has entered into an agreement with Tree Energy Solutions (TES), a Europe-based large-scale green hydrogen and e-methane producer, to conduct joint studies on a wide range of e-methane-related subjects.

In this initiative, the two companies plan to launch advocacy activities targeting relevant governments to promote the global recognition of e-methane's value and advantages as a new gaseous energy carrier to achieve a carbon neutral society. They intend to work with governments to establish international rules and systems to support the commercialization of e-methane. This two-party collaboration also includes comprehensive studies on e-methane supply chain development, including e-methane production, transportation, usage and offtake.

About TES

TES is a global green energy company leading the way in the production of e-NG (electric natural gas derived from green hydrogen). Headquartered in Europe, TES is committed to making reliable and affordable green energy accessible to all by implementing giga-scale projects using a proven, scalable and cost-effective method. With a presence in the United States, Middle East, Asia and Australia, the company's green hydrogen model uses solar and wind energy in low-cost areas with abundant sunlight or wind. The green hydrogen is then combined with climate-neutral CO₂ and transformed into e-NG, a renewable molecule, easy to transport and store using existing infrastructure. Through the supply of e-NG to various industries, TES aims to win the climate race ensuring the mass adoption of green molecules across the globe.

About Osaka Gas

Osaka Gas aims to achieve carbon neutrality across its corporate group (Daigas Group) by 2050 as a goal set in the Carbon Neutral Vision released in January 2021 and Energy Transition 2030 released in March 2023. To realize this ambition, the company pursues net zero solutions, including e-methane, synthetic methane suitable for seamless and low-cost transition due to its compatibility with the existing gas infrastructure and equipment. While proceeding with R&D on e-methane technologies, Osaka Gas drives several e-methane projects, conducting feasibility studies to produce e-methane in strategic locations, such as North America, South America, Australia, the Middle East, the Southeast Asia, and Japan.

Project Partners

OGUK

Company name	Osaka Gas UK, Ltd.
Headquarters	London, UK
Established	April 28, 2010
Representative	Kenji Oida, President

TES

Company name	Tree Energy Solutions Belgium B.V.
Headquarters	Brussels, Belgium
Established	September 1, 2020
Representative	Marco Alvera, CEO