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Full-Scale Launch of Energy Solutions Business in Thailand

～ Establishing a Local Operating Company to Launching Thailand's First On-Site PPA Project Combining Solar-PV with Large-Scale Battery Storage at MCP's Two Plants ～

Tokyo Gas Engineering Solutions Corporation

Tokyo Gas Engineering Solutions Corporation (President: Takayuki Uenaka; hereinafter "TGES") has established a local operating company, TGES (Thailand) Co., Ltd. (Managing Director: Taro Sasamoto; hereinafter "TGES Thailand"), to begin full-scale operations of its energy solutions business in the Kingdom of Thailand.

As its first project, TGES Thailand has entered into a power purchase agreement (PPA)[*1] with Mitsubishi Electric Consumer Products (Thailand) Co., Ltd. (hereinafter "MCP") on September 1,2026, for an on-site PPA project (hereinafter "This Project ") combining solar photovoltaic (PV) systems and battery energy storage systems (BESS) at MCP's two factories (MCP Site 1 and MCP Site 2) This Project is Thailand's first[*2] on-site PPA project for the manufacturing sector that incorporates large-scale battery energy storage systems.



Panoramic view of MCP Site 1 (Courtesy of MCP)



Panoramic view of MCP Site 2 (Courtesy of MCP)



Illustration of solar panel installation



Illustration of battery storage system

1. Strengthening Our Business Structure in Thailand Through the Establishment of TGES Thailand

Thailand's manufacturing sector is seeing growing demand for solutions that simultaneously reduce energy costs and achieve decarbonization, driven by the expansion of renewable energy adoption and efforts to promote energy conservation. To address these needs, TGES has established TGES Thailand as its operational entity in the country and will fully launch an energy solutions business that provides end-to-end services—from project development to facility design, construction, operation, and continuous improvement.

TGES has been involved in the design, construction, and operation of district cooling and power distribution systems at "One Bangkok," one of Thailand's leading large-scale redevelopment projects, in collaboration with local partners. TGES will fully leverage the experience gained through This Project—including project execution tailored to Thailand's business environment and commercial practices, long-term operations, and collaboration with local partners—along with the engineering expertise cultivated in Japan.

2. On-Site PPA Project at MCP's Two Factories

This Project is the first initiative in TGES Thailand's energy solutions business and involves the installation of a total of 7.5 MW of PV and 7.5 MWh of BESS at two MCP factories. This Project will supply electricity generated by the PV systems to the facilities while storing excess power—beyond on-site demand—in the BESS. This stored energy will then be discharged when needed, enabling the effective utilization of PV-generated power and expanding the use of renewable energy. As a result, This Project will contribute to reducing MCP's energy costs and advancing its decarbonization efforts. Construction at both plants is scheduled to begin in the second half of 2026, with commercial operation set to commence in the second half of 2028.

3. Accelerating Business Expansion in Southeast Asia

TGES and TGES Thailand will provide a wide range of energy solutions to manufacturing customers in Thailand—including Japanese companies—by combining not only PV and BESS but also energy conservation, energy management, and air conditioning and thermal energy supply systems.

Furthermore, by leveraging the business expertise accumulated in Thailand and the bases and networks the Tokyo Gas Group has established throughout Southeast Asia, TGES and TGES Thailand will further expand their business in Thailand and aim to expand into other Southeast Asian countries in the future.

Through the expansion of our energy solutions business, TGES and TGES Thailand will support our customers in solving their challenges and managing their operations, thereby contributing to regional development and the realization of a carbon-neutral society.

Comment from Takayuki Uenaka, Representative Director, President, and Chief Executive Officer

"I am very pleased that we have established TGES Thailand and can now fully launch our energy solutions business in Thailand. With the on-site PPA project at MCP's two factories as our first project, we will leverage the experience and insights gained in Japan and Thailand to support our customers not only in reducing energy costs and achieving decarbonization but also in ensuring sustainable business operations and enhancing competitiveness. Furthermore, through TGES Thailand, we will grow together with our customers and contribute to the sustainable development of Thailand's industry and society."

Notes

＊1：On-site PPA: A business model in which a power generator supplies electricity to consumers—such as factories and business facilities—from power generation facilities it has installed and owns, based on long-term contracts.

＊2：On-site PPAs in Thailand utilizing battery storage systems with a capacity of 1 MWh or more (according to our research).

About the "IGNITURE" Solutions Business Brand

IGNITURE
IGNITE YOUR FUTURE

Tokyo Gas and TGES have launched the solution business brand "IGNITURE" to "fully deploy solutions." Through the solutions developed under "IGNITURE," households, corporations, and local communities can effortlessly achieve both "a richer future through improved economic efficiency, convenience, and productivity through optimization" and "sustainable living and business through decarbonization and improved resilience."

＊IGNITURE's corporate page is here.

Source

Tokyo Gas Engineering Solutions Co., Ltd.