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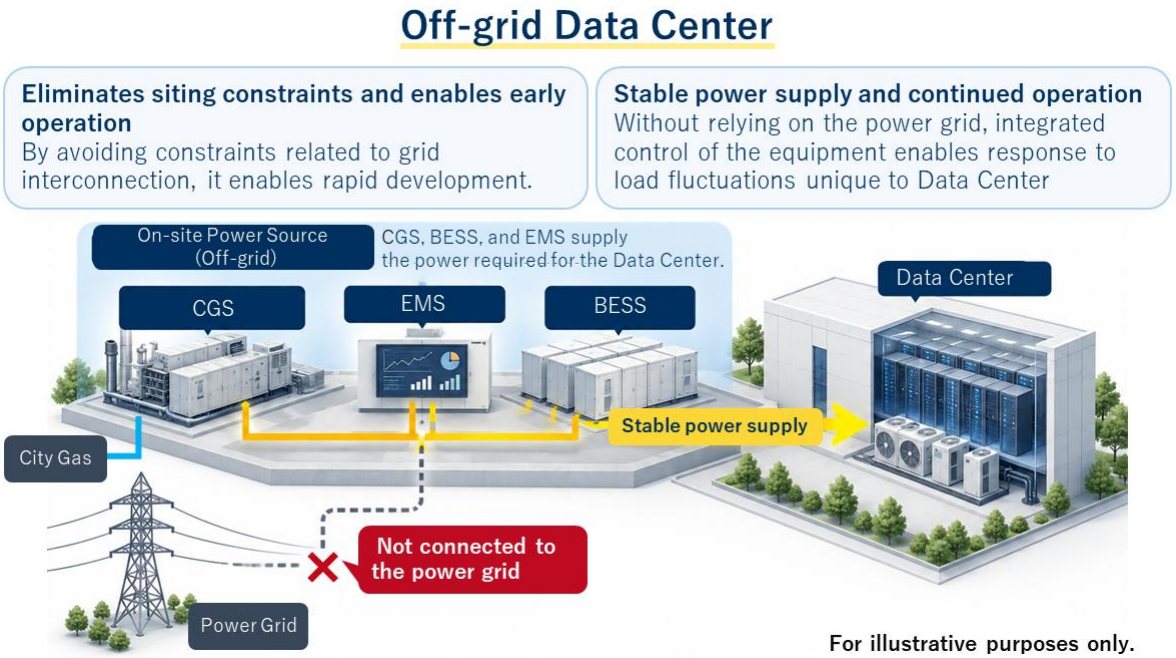
TGES and Wärtsilä Begin Joint Technical Evaluation of Off-Grid Power Solutions for Data Centers

~ Memorandum of Understanding Signed with Wärtsilä ~

Tokyo Gas Engineering Solutions Corporation

Tokyo Gas Engineering Solutions Corporation (President: Takayuki Uenaka, hereinafter "TGES") has signed a Memorandum of Understanding (hereinafter "MOU") with Wärtsilä Finland Oy (Headquarters: Finland, President & CEO: Håkan Agnevall, hereinafter "Wärtsilä") regarding a joint technical evaluation of power supply solutions for data centers.

This MOU is for joint technical evaluations aimed at development and early implementation of optimal power supply systems for off-grid data centers*1 and other facilities that do not have connections to the power grid and for which have not yet been commercially operated in Japan, utilizing gas cogeneration systems (hereinafter "CGS"), battery energy storage systems ("BESS"), energy management systems ("EMS"), and other technologies.



For illustrative purposes only.

Driven by the widespread adoption of generative AI and other factors, demand for data centers (hereinafter referred to as "DCs") is rapidly expanding. However, limitations in power grids restrict the available locations, and securing the necessary power supply can take a long time, posing a major challenge in DC development and operation.

TGES has provided a variety of power supply solutions, including the Power Hybrid DC Solution*2. TGES will expand its portfolio to include off-grid power solutions for DCs at an early stage. By supporting a diverse range of power supply configurations, TGES aims to expand the options for DC locations and expedite business decision-making.



MOU signing ceremony at Wärtsilä headquarters (from left: Håkan Agnevall, President & CEO of Wärtsilä, and Takayuki Uenaka, President & CEO of TGES).

＜Comment from Takayuki Uenaka, Representative Director, President & CEO of TGES＞

We are very pleased to have signed a MOU with Wärtsilä regarding off-grid power supply solutions and related technologies for DCs. The Tokyo Gas Group has worked together with Wärtsilä to improve reliability and operational performance, drawing on the knowledge and experience we have gained through the development and operation of energy systems utilizing Wärtsilä gas engine power systems. We consider it highly meaningful that this long-standing collaborative relationship can now be further strengthened and expanded through this new agreement.

Wärtsilä is a global technology company with extensive experience in data center projects overseas. Furthermore, they possess high technical capabilities to provide comprehensive power supply solutions, including gas engines. TGES has provided a variety of power supply solutions, including the Power Hybrid DC Solution*2 , drawing on its extensive expertise in the design, construction, and operation of energy facilities. By combining Wärtsilä's technical expertise with TGES's knowledge and proposal capabilities, we will provide highly effective power supply solutions to our customers and contribute to solving the power procurement challenges faced by DCs.

＜Comment from Håkan Agnevall, President & CEO of Wärtsilä＞

The rapid growth of AI and digital services is creating unprecedented demand for data centre capacity, while timely access to reliable power is increasingly becoming a constraint on development. Through this collaboration, Wärtsilä and TGES will combine our complementary expertise to evaluate flexible and reliable on-site power solutions for data centres in Japan. We look forward to working together to help customers in Japan overcome power availability challenges and accelerate the development of critical digital infrastructure.

Under the "IGNITURE" brand, TGES aims to help corporate clients achieve sustainable and smart business operations through the solutions it provides. Moving forward, we will continue to leverage the expertise we have cultivated through our business to provide various solutions that contribute to decarbonization, optimization, and resilience, thereby contributing to the sustainable development of society.
*IGNITURE's corporate page is here.

[About IGNITURE]

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."
For more information about IGNITURE, please click here.

*1 : According to research by TGES as of December 2025. DC (Data Center) that is not connected to the power grid and meets all electricity demand with its own power generation facilities.
*2 : Power supply hybrid DC solution is a registered trademark of Tokyo Gas Co., Ltd. and TGES.