

Successful Bid of Long-Term Decarbonized Power Source Auction for Power Generation Project in Himeji City, Hyogo Prefecture

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Osaka Gas Co., Ltd.

Osaka Gas Co., Ltd. (Representative Director and President: Masataka Fujiwara) participated in the Long-term Decarbonized Power Source Auction^{*1} with its natural gas power generation project (hereinafter referred to as “the Power Generation Project”) in Himeji City, Hyogo Prefecture, and successfully was chosen in the auction today.

The Power Generation Project aims to introduce a highly efficient gas turbine combined-cycle power generation system with an output of approximately 600,000 kW and start operations in FY2030. Osaka Gas will proceed with preparations necessary for the decision-making process of the Power Generation Project.

Based on the “Carbon Neutral Vision” announced in January 2021 and the “Energy Transition 2030” announced in March 2023, the Daigas Group will promote the development, power generation projects, and advanced use of natural gas, which will become increasingly important during the transition period, and the decarbonization of power sources through the introduction of renewable power generation and the use of e-methane^{*2} and hydrogen in thermal power generation, thereby contributing to a decarbonized society.

*1: What is the Long-term Decarbonized Power Source Auction? (Website of Organization for Cross-regional Coordination of Transmission Operators)

https://www.occto.or.jp/capacity-market/decarbonation_know (In Japanese)

*2: e-methane is synthetic methane produced from carbon dioxide (CO₂) and clean feedstock, such as green hydrogen.

1. Overview of the Power Generation Project

Power plant name	Himeji Natural Gas Power Plant Unit 3
Power generation system	Gas turbine combined-cycle system
Fuel	Natural gas (LNG) Considering the introduction of e-methane in the future
Power generation capacity	622,600 kW
Planned site	1-22 Megahida-cho, Shikama-ku, Himeji City, Hyogo Prefecture

* Information about Himeji Natural Gas Power Plant Units 1 and 2 (announced in September 2019)

https://www.osakagas.co.jp/en/whatsnew/_icsFiles/afieldfile/2019/10/04/190926.pdf

2. Location map

