

Osaka Gas Announces Commencement of Commercial Operation of a Biomass Power Plant in Ichihara City, Chiba Prefecture

Osaka Gas Co., Ltd. (head office: Chuo-ku, Osaka, President: Takehiro Honjo, hereinafter “Osaka Gas”) announced that Ichihara Biomass Power Co., Ltd. (head office: Ichihara City, Chiba Prefecture, President: Yuji Inaba, hereinafter “Ichihara Biomass Power”), a joint venture established by ITOCHU Corporation (head office: Minato-ku, Tokyo, President & Chief Operating Officer: Yoshihisa Suzuki, hereinafter “ITOCHU”), Osaka Gas, and Mitsui E&S Engineering Co., Ltd. (head office: Chuo-ku, Tokyo, President: Shigeru Tokumaru, hereinafter “Mitsui E&S Engineering”), started commercial operation today.

This power plant is located in the Chiba Works of Mitsui E&S Holdings Co., Ltd. in Ichihara City, Chiba Prefecture. It is a biomass power plant that uses wood pellets and palm kernel shell (PKS) as fuel (power generation capacity: 49.9 MW). The estimated annual power generation is about 350,000 MWh, which is equivalent to annual power consumption of about 120,000 households. *1

The launch of the power plant project was announced in September 2017. The plant was constructed by Mitsui E&S Engineering. The three companies will ensure stable management of the power plant by taking full advantage of their strengths. Specifically, a group company of Mitsui E&S Holdings Co., Ltd. will operate and maintain the plant, ITOCHU will supply the biomass fuel, and Osaka Gas will offer power plant management expertise.

With Ichihara Biomass Power included, the four companies will continue to contribute to preventing global warming and building a sound carbon-recycling society by actively promoting businesses using renewable energy in and outside Japan.

[Company/business description]

Name (Ownership)	Ichihara Biomass Power Co., Ltd. (ITOCHU 39%, Osaka Gas 39%, Mitsui E&S Engineering 22%)
Location of head office	1-1 Yawatakaigandori, Ichihara City, Chiba Prefecture
Establishment	September 2017
Location of the power plant	1-10 Yawatakaigandori, Ichihara City, Chiba Prefecture (on the premises of the Chiba Works, Mitsui E&S Holdings)
Generation capacity	49.9 MW
Fuel	Wood pellets and palm kernel shell (PKS)

Construction company	Mitsui E&S Engineering
Operation/maintenance company	BURMEISTER & WAIN SCANDINAVIAN CONTRACTOR A/S (a group company of Mitsui E&S Holdings)
Fuel supplier	ITOCHU
Domestic logistics	Itochu Logistics

*1 This was calculated based on the following.

- ① Estimated annual power generation : About 350,000 MWh
- ② Average monthly power consumption of households : 248.7 kWh (source: website of Tokyo Electric Power Company

Holdings)

$$\text{①} \div (\text{②} \times 12 \text{ months}) \approx \text{about } 120,000 \text{ households}$$

[Photo of the power plant]

