



October 29, 2018

Press Release

Idemitsu Kosan Co.,Ltd.

Tokuyama Complex to adopt high-efficiency naphtha cracking furnace to realize energy savings of approximately 30%

Idemitsu Kosan Co.,Ltd (Head Office: Chiyoda-ku, Tokyo; Representative Director and CEO: Shunichi Kito; hereinafter, “Idemitsu”) will advance energy conservation efforts at its Tokuyama Complex (location: Shunan-shi, Yamaguchi; Manager: Mitsuhide Hachiyama) through the adoption of a high-efficiency naphtha cracking furnace.

Also known as crude gasoline, naphtha is a petroleum product produced through pyrolysis using cracking furnaces. It is a basic raw material in petrochemical products such as ethylene and propylene.

Idemitsu’s Fifth Consolidated Medium-term Management Plan calls for improvements to cost competitiveness through adoption of high-efficiency equipment. As part of this plan, it has decided to replace two existing naphtha cracking furnaces in the ethylene production plant with one high-efficiency naphtha cracking furnace. By taking a shorter residence time to pyrolyze raw materials, the high-efficiency naphtha cracking furnace will increase both the ethylene yield ratio and thermal efficiency. This will result in energy-efficiency improvements of approximately 30% compared to ethylene production using conventional cracking furnaces.

The construction period for this project will be from September 2018 through December 2020. This project also has been adopted for the FY2018 subsidy for promoting investment in energy conservation from the Ministry of Economy, Trade and Industry of Japan, a program intended to support energy conservation at industrial plants.



A high-efficiency naphtha cracking furnace of the same type as that planned for adoption

In the future as well, Idemitsu will continue striving to lessen the environmental impact of its business activities, to contribute to building a society based on harmony between the environment and economic activities.

For inquiries regarding this press release, please contact
Public Relations Section, Public Relations & CSR Affairs Office, Idemitsu Kosan Co.,Ltd.
TEL: +81-3-3213-3115 URL <http://www.idemitsu.co.jp>