

26 June 2007

- Completion of Japan's biggest LNG satellite -

Startup of the Katsuta LNG Satellite

Tokyo Gas Co., Ltd.

Corporate Communications Division

Tokyo Gas Co., Ltd. (President: Mitsunori Torihara) has completed construction of a liquefied natural gas (LNG) satellite of the Katsuta Plant owned by Hitachi, Ltd. (President: Kazuo Furukawa). In July, the satellite will begin making supplies to Hitachi Katsuta Power Station, its first customer, within the same site. The amount of LNG handled in the satellite, which will be about 50,000 tons in the first year, is anticipated to eventually reach about twice that level, making it the biggest such facility in Japan.

LNG satellites manufacture gas for supply of natural gas to areas that would be hard to supply by extending existing gas lines. LNG is transported by tank lorry to the satellites, which vaporize the LNG they store and supply it by pipeline.

The Katsuta Satellite will be supplied with LNG from the Tokyo Gas Sodegaura LNG Terminal, and send out natural gas at a high pressure (about 3 MPa).

Consisting mostly of methane, natural gas is a fossil fuel that imposes little burden on the environment. It entails less emissions of carbon dioxide (CO<sub>2</sub>) and nitrogen oxides (NO<sub>x</sub>) than oil and coal, and almost no emissions of sulfur oxides (SO<sub>x</sub>).

Besides continuing to respond to customer needs for natural gas, Tokyo Gas is committed to cultivating demand for the further spread and expansion of natural gas utilization.

< Outline of the facility >

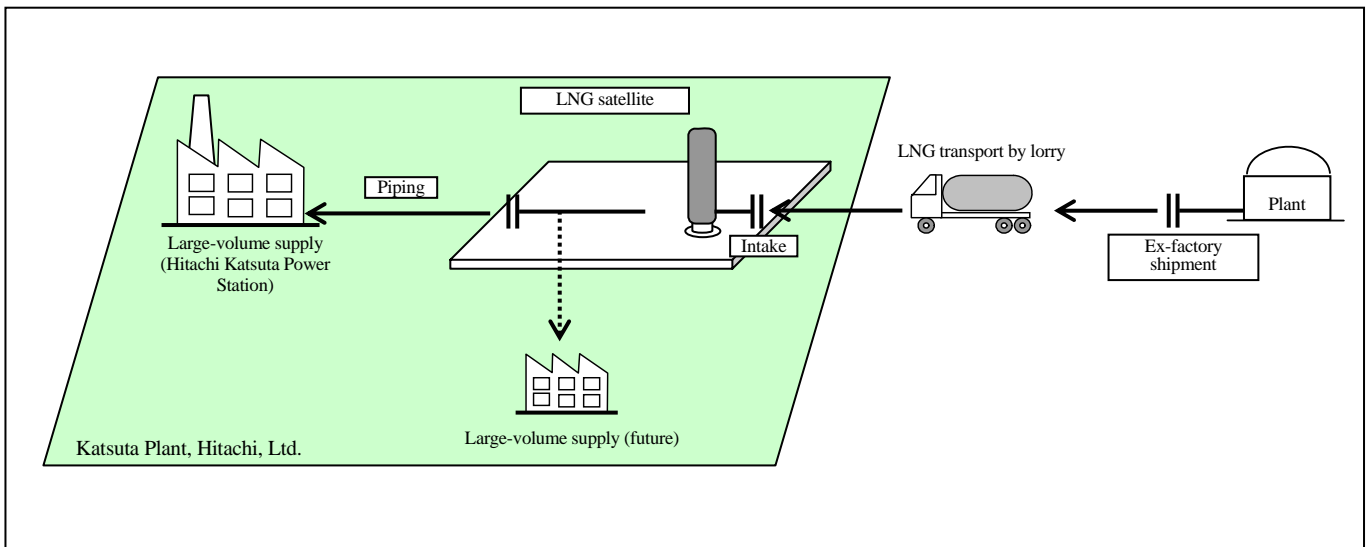
◆ Installation site: within the Hitachi establishment (Katsuta Plant) of Hitachi, Ltd.,  
832-2 Horiguchi, Hitachinaka, Ibaraki Prefecture

◆ Lot area: 6,073 m<sup>2</sup>

◆ Main equipment

- Lorry intake: flexible hose × 7
- LNG storage tank: vertical cylinder type, 2,400 kL × 1
- LNG vaporizer: open rack type, 7.5 t/h × 3
- Pressurizing vaporizer: air fin type, 1.5 t/h × 2
- Cushion drum: 30 kL × 1

<Diagram of the supply setup>



<Appearance>



LNG lorry and storage tank