

July 6th, 2011

Naming of new LNG carrier

Tokyo Gas Co., Ltd.
Tokyo LNG Tanker Co., Ltd.

The Naming Ceremony of a new LNG Carrier co-owned by Tokyo LNG Tanker Co., Ltd. (President: Kazumasa Hidai, hereinafter referred to as “TLT”), a wholly owned subsidiary of Tokyo Gas Co., Ltd. (President: Tsuyoshi Okamoto), and Nippon Yusen Kabushiki Kaisha (President: Yasumi Kudo, hereinafter referred to as “NYK Line”) was held today at Sakaide shipyard of Kawasaki Heavy Industries, Ltd. in Kagawa Prefecture, Japan. The ownership share for the vessel by TLT and NYK Line is 10% and 90% respectively.

The new LNG Carrier was named “Energy Horizon”.

“Energy Horizon” (hereinafter referred to as “the Vessel”) has four spherical tanks, with the full capacity of 177,000 m³ (loading capacity 175,000 m³), the first “Pacific Max” ship, which is the world’s largest Moss type LNG carrier. The Vessel is equipped with re-heated steam turbine propulsion system for the first time in world for LNG vessels, which improves fuel efficiency by 15% compared to conventional steam turbines.

The Vessel is the 10th LNG tanker owned or managed by TLT, and will transport LNG from various projects including Pluto project in western Australia. The Vessel is managed by NYK Line, and 20-year time chartered to TLT.

Tokyo Gas Group is aiming to achieve stable, flexible and diversified procurement of LNG by managing its LNG fleet, and also looking into expanding its LNG transport business for third parties including charter-in/ charter-out of LNG vessels, and involving in a new sector of LNG vessels business.

Outline of Energy Horizon

L.O.A.	300.0m
Beam	52.0m
Gross Tonnage	143,000 tons
LNG Tank Capacity	177,000 m ³ (LNG loading capacity 175,000 m ³)
Tank type	Moss type (spherical tank)
Speed	19.5 knots
Delivery	August, 2011 (Scheduled)

*: LNG 175,000 m³ (Approx. 80,500 ton) is expanded 600 times in volume when regasified and becomes equivalent to approximately 105 million m³ of natural gas, which corresponds to annual consumption of 270 thousand of residential users.

*: The largest Moss ship-type, which is able to call major LNG terminals in the world, especially the loading and receiving terminals in Asia & Pacific region.

Photo: Energy Horizon



[Reference] LNG Ships owned or operated by TLT

	Name	Capacity (m3)	Type	Built	Ownership of TLT	LNG Projects
Project-Dedicated Ships	LNG Flora	127,000	Moss	1993.3	10%	Indonesia Badak 4
	LNG Vesta	127,000	Moss	1994.6	35%	
Non Project-Dedicated Ships	Energy Frontier	147,000	Moss	2003.9	100%	NWS Expansion, Malaysia 1, Malaysia 3, Darwin, Sakhalin 2, Gorgon, Pluto, others
	Energy Advance	147,000	Moss	2005.3	90%	
	Energy Progress	147,000	Moss	2006.12	0%	
	Energy Navigator	147,000	Moss	2008.6	70%	
	Energy Confidence	155,000	Moss	2009.5	70%	
	Energy Horizon	177,000	Moss	2011.8	10%	
Time Chartered to GDF SUEZ	GDF SUEZ Neptune	145,000	Membrane	2009.11	1.5%	
	GDF SUEZ Cape Ann	145,000	Membrane	2010.6	1.5%	

*Actual LNG loading capacity is 98.5% of the capacity specified above.

*GDF SUEZ Neptune and GDF SUEZ Cape Ann are both equipped with regasification facility.