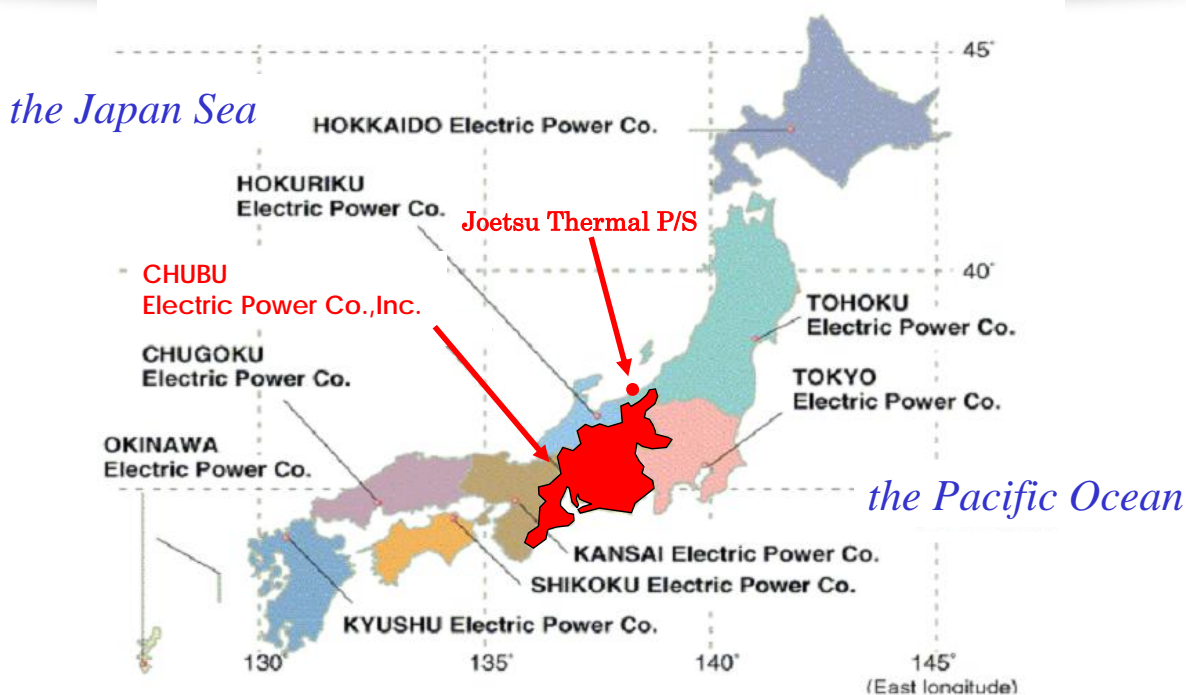




**Chubu Electric Power Co., Inc.
Joetsu Thermal Power Station
Toshihisa Sato**



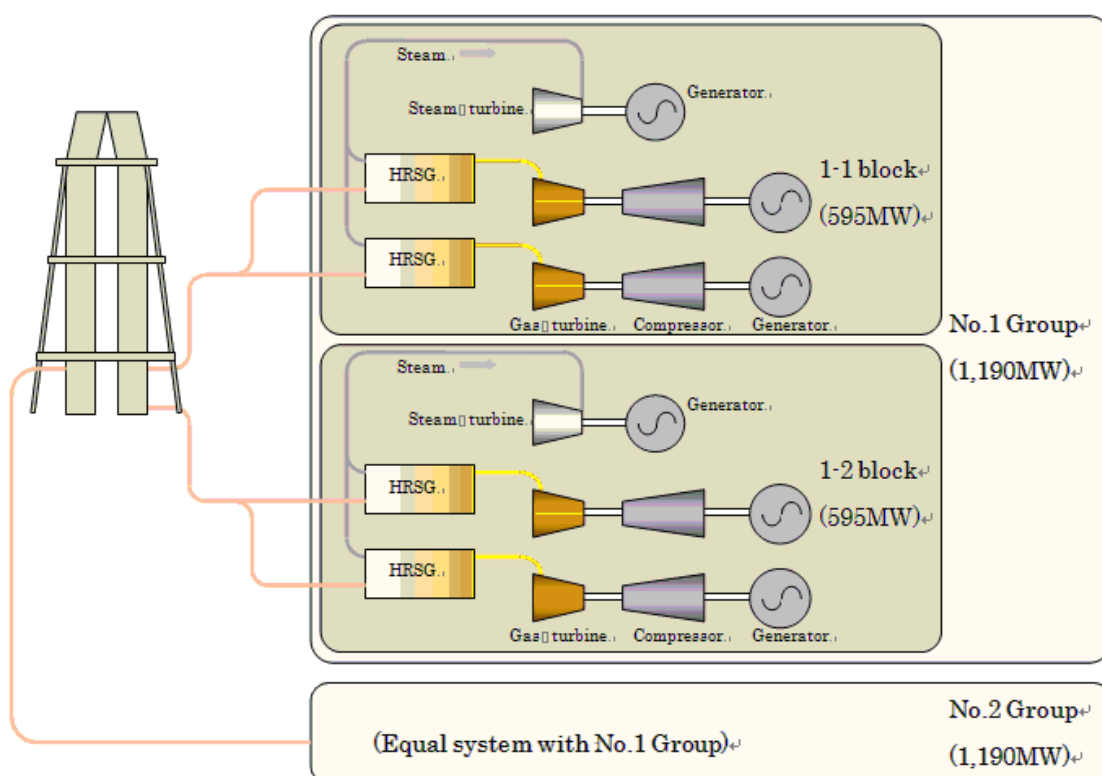
Supply area and Frequency



Outline of Joetsu P/S

	1-1,1-2,2-1,2-2(2Groups,4Blocks)
Total output	2,380MW(1,190MW/Group,2Groups)
System	Multi-Shaft Type Combined Cycle (Composed of 2GasTurbines,2HRSGs and 1SteamTurbine)
Fuel	LNG (180,000kL × 3Tanks)
Fuel consumption	2,000,000t/year(approximately)
CO ₂ reduction effect	1,600,000t/year(approximately)

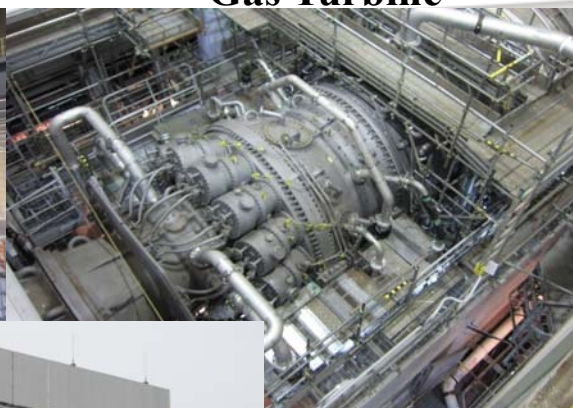
Multi-Shaft type Combined Cycle system Composed of 2Gas Turbines,2HRSGs and 1Steam Turbine





Gas Turbine / Steam Turbine / HRSG

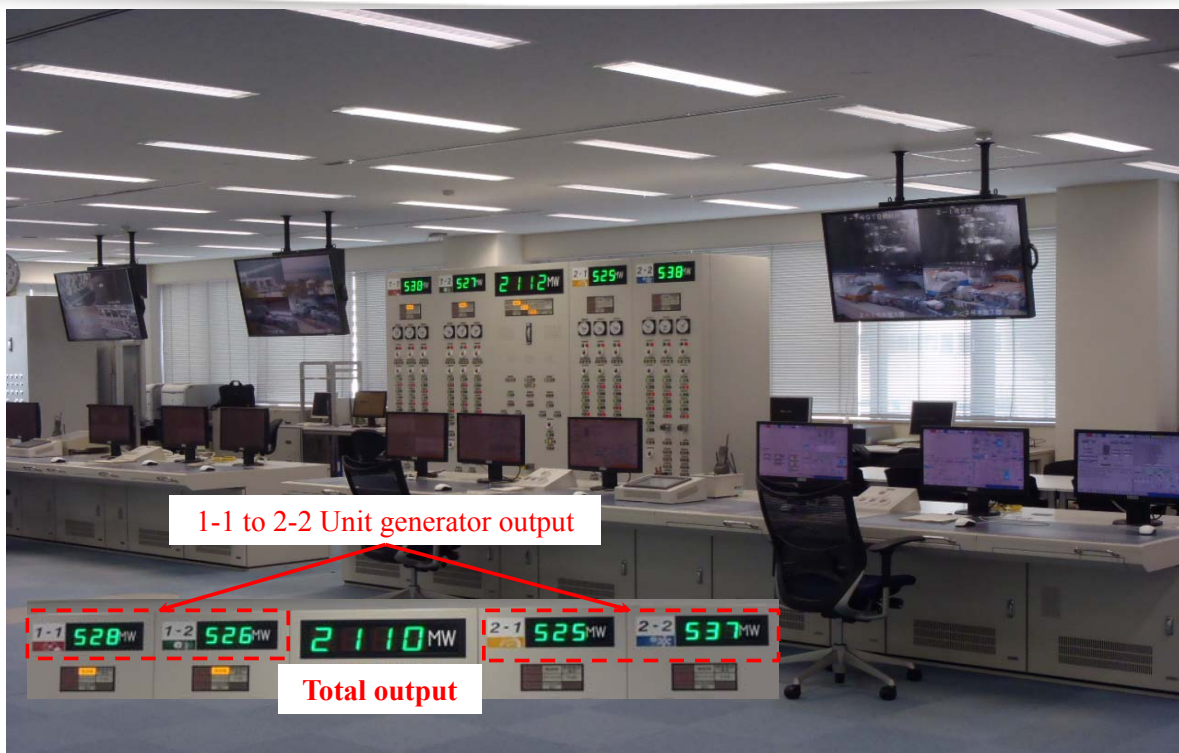
Gas Turbine



Heat Recovery Steam Generator (HRSG)



Control room

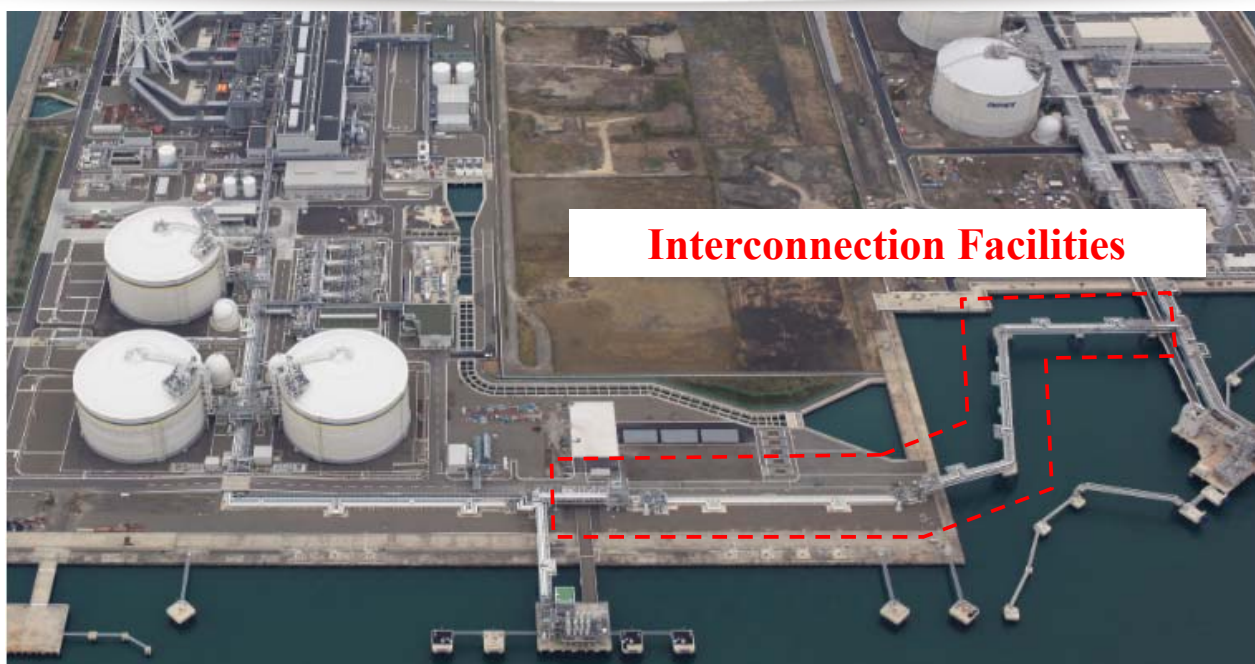




LNG Tank



Interconnection Facilities

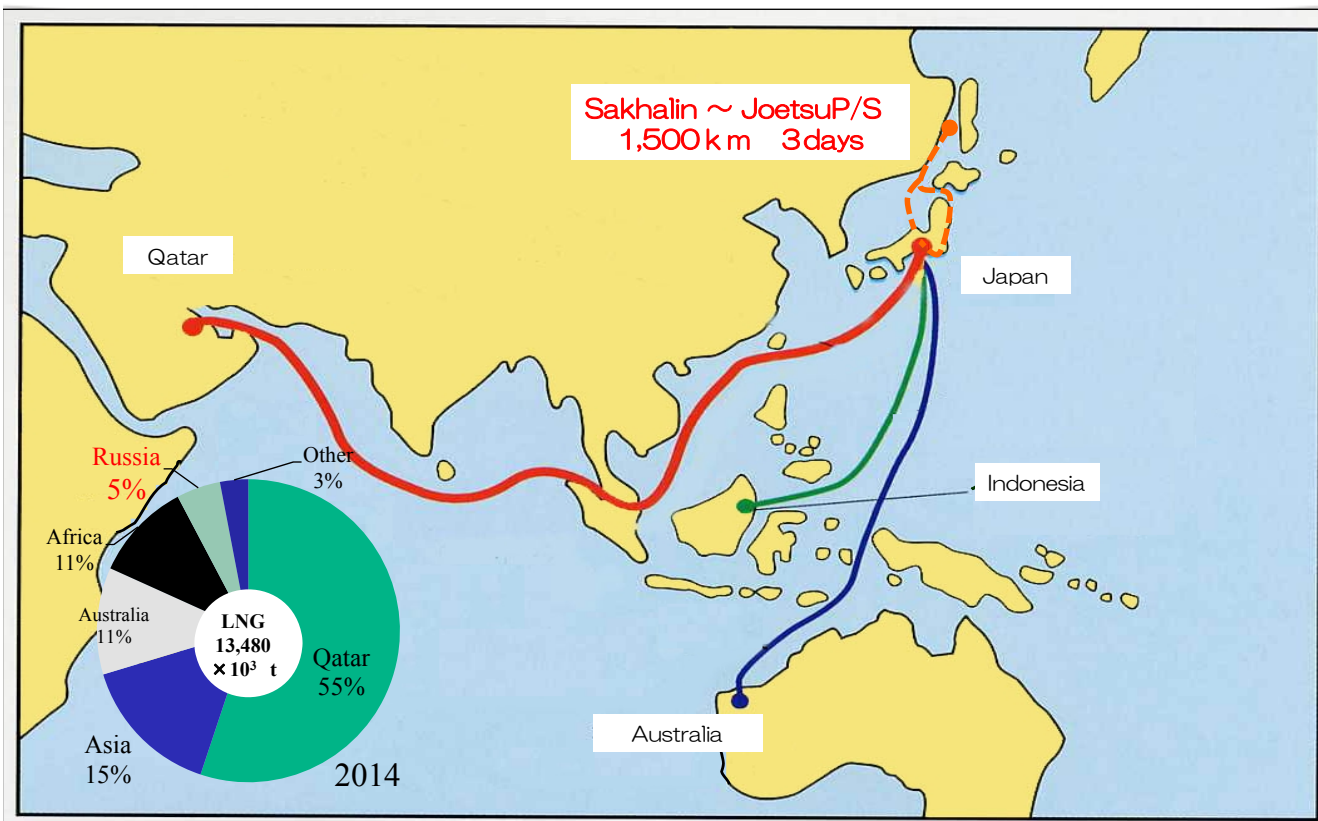


Interconnection Facilities





LNG Transportation

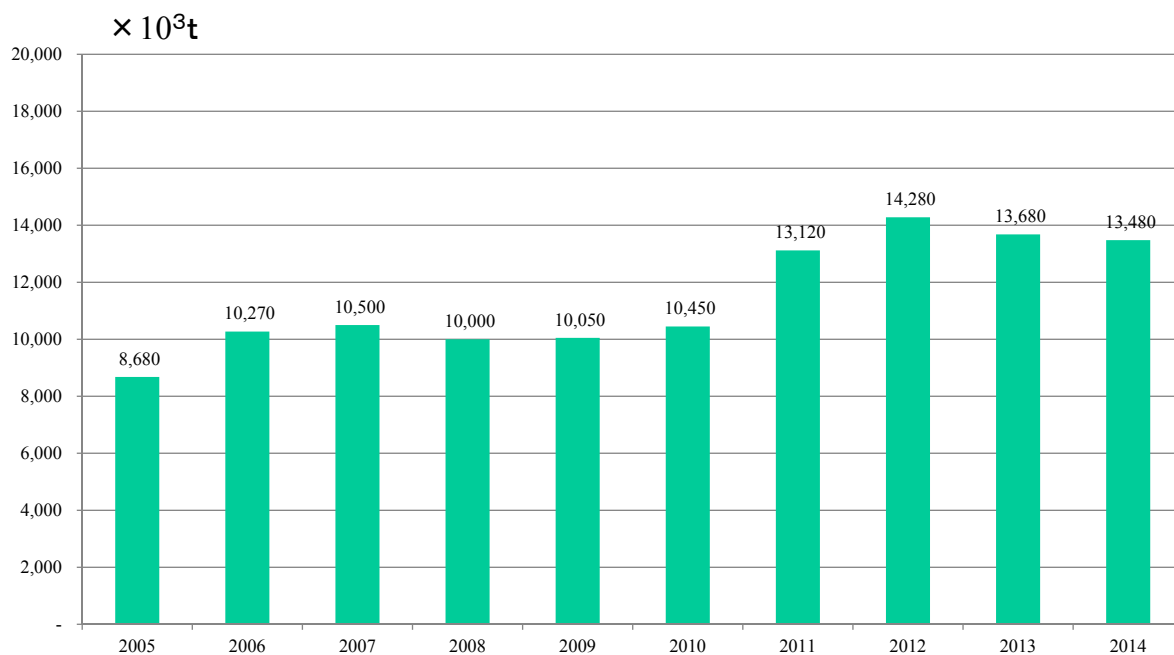


LNG Ship

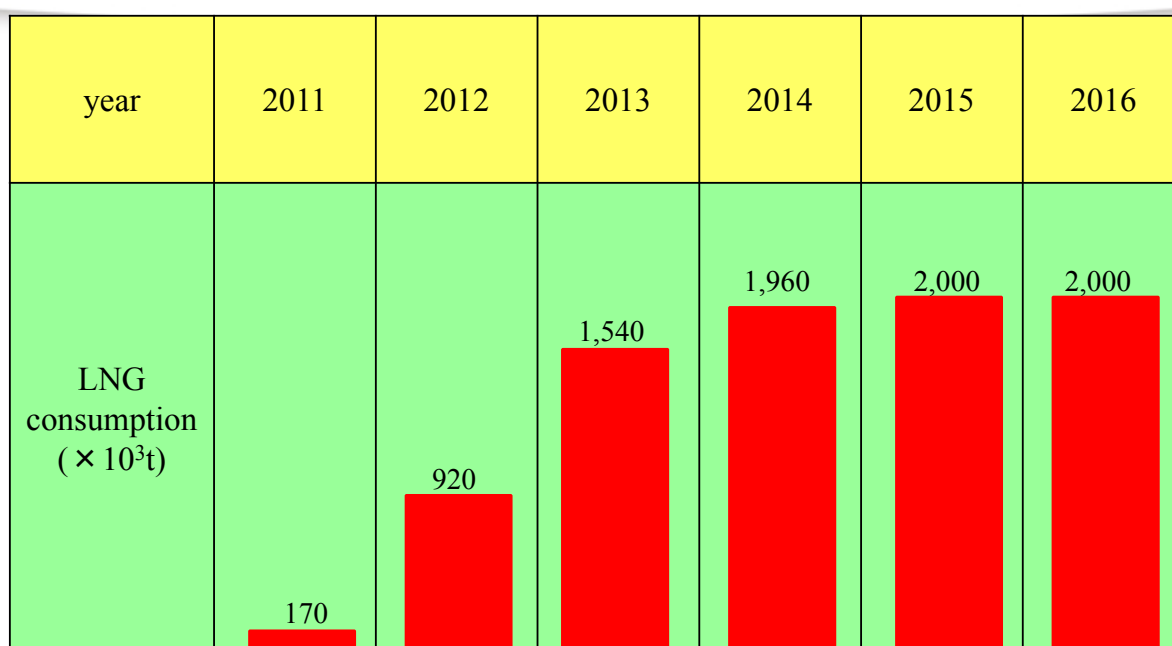




LNG imports (Chubu Electric Power Co., Inc.)

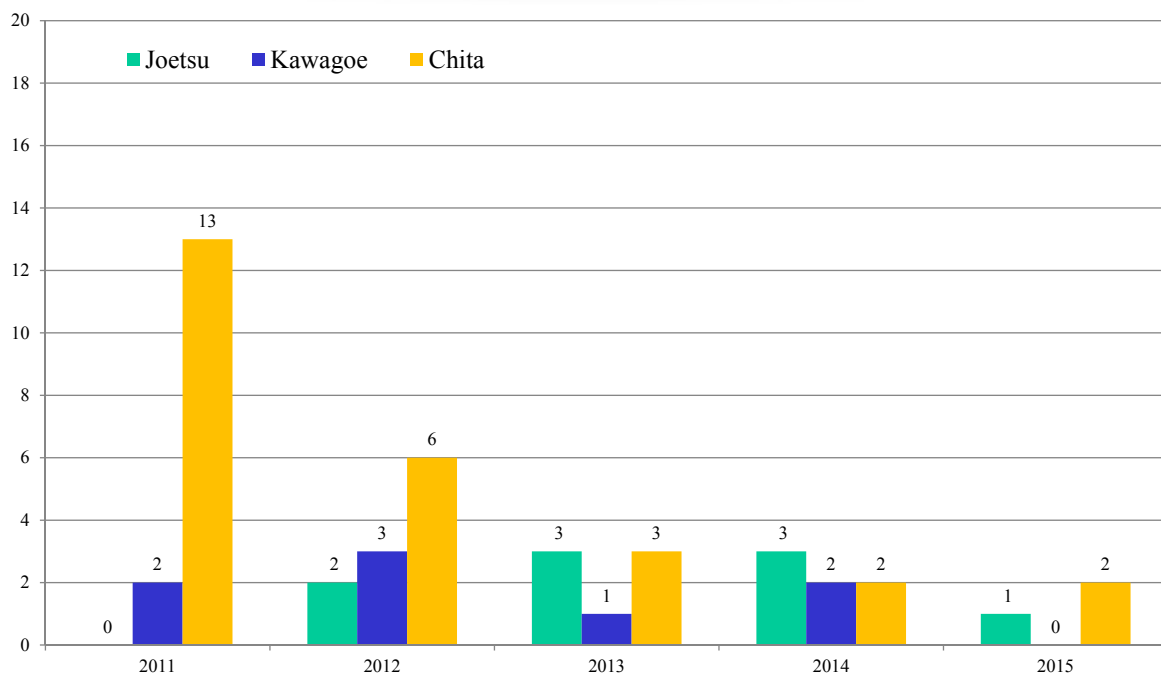


LNG consumption

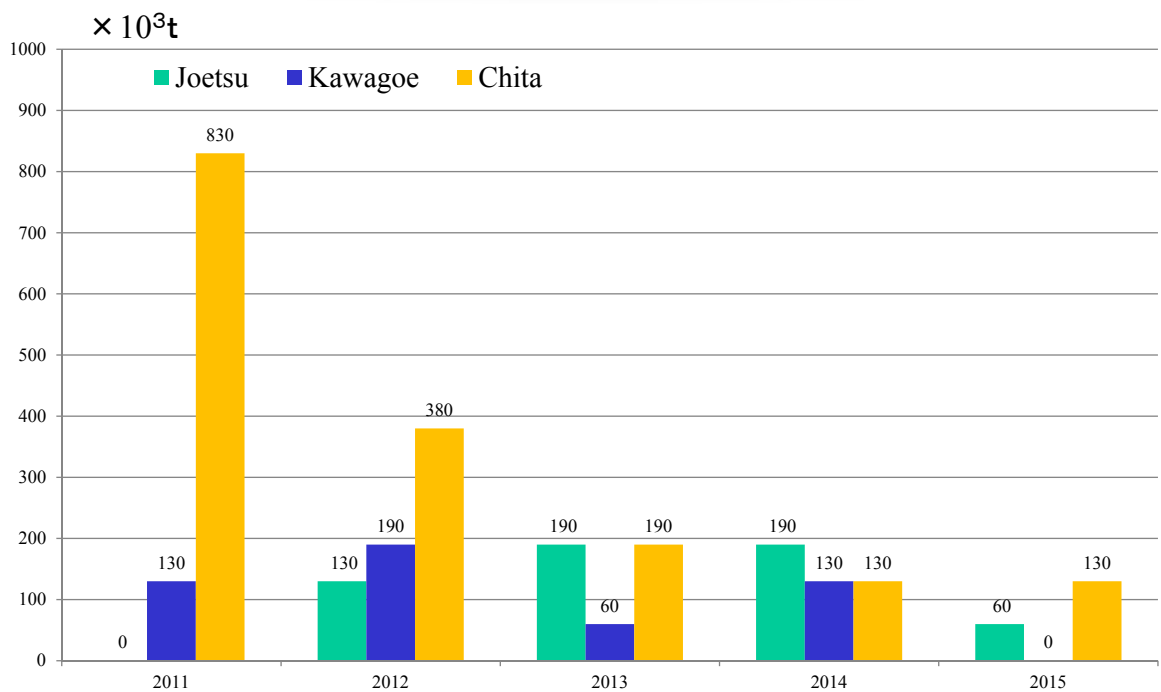




*The number of Ships from Sakhalin
(Chubu Electric Power Co., Inc.)*



*LNG imported from Sakhalin
(Chubu Electric Power Co., Inc.)*



Natural Gas supply by tank truck



Natural Gas supply by pipeline or tank truck for industry (Chubu Electric Power Co., Inc.)

