A B S T R A C T

A water floating facility (1) includes a tank (15) to store liquefied gas, a LNG vaporizer (4) configured to vaporize LNG stored in the tank (15), gas sending means configured to send the natural gas vaporized by the LNG vaporizer (4) to a land facility, a heating sea water pump (18) configured to take in sea water, and a power generating system configured to generate electricity through Rankine cycle, based on a temperature difference between the natural gas and the sea water taken by the heating sea water pump (18).