C L A I M S

1. A water floating facility characterized by comprising:

a tank to store liquefied gas;

vaporization means configured to vaporize the gas stored in the tank;

gas sending means configured to send the gas vaporized by the vaporization means to a land facility;

water intake means configured to take water in a natural environment;

Rankine cycle power generation means configured to generate electricity through Rankine cycle, based on a temperature difference between the gas and the water taken by the water intake means; and

first heating means configured to heat a Rankine cycle medium used in the Rankine cycle, based on the water taken in by the water intake means,

characterized in that the first heating means uses an intermediate medium heated by the water in order to heat the Rankine cycle medium.

2. A water floating facility characterized by comprising:

a tank to store liquefied gas;

vaporization means configured to vaporize the gas stored in the tank;

gas sending means configured to send the gas vaporized by the vaporization means to a land facility;

water intake means configured to take water in a natural environment;

Rankine cycle power generation means configured to generate electricity through Rankine cycle, based on a

temperature difference between the gas and the water taken by the water intake means;

first heating means configured to heat a Rankine cycle medium used in the Rankine cycle, based on the water taken in by the water intake means;

compression means configured to compress the vaporized gas generated in the tank;

liquefaction means configured to liquefy the gas compressed by the compression means; and

third heating means configured to heat the Rankin cycle medium with the gas compressed by the compression means.

3. The water floating facility of claim 1 or 2, characterized by further comprising:

another electric generation means which is different from the Rankine cycle power generation means; and

second heating means configured to heat the Rankine cycle medium, based on fresh water used for cooling of the another electric generation means.

4. The water floating facility of claim 3, characterized by further comprising:

cooling means configured to cool the fresh water, based on the water taken in by the water intake means.

5. The water floating facility of claim 1 or 2, characterized by further comprising:

another electric generation means which is different from the Rankine cycle power generation means, using the vaporized gas generated in the tank as a fuel.

6. The water floating facility of claim 1 or 2, characterized by further comprising:

temperature adjustment means configured to adjust a temperature of the gas vaporized by the vaporization means, based on the water taken in by the water intake means.

7. The water floating facility of claim 1 or 2, characterized by further comprising a function to move on the water.