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; ~~and~~

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~~.~~

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

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~~.~~

~~3. The water floating facility of claim 2~~, 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.

~~4~~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.

~~5~~4. The water floating facility of claim 3~~4~~, characterized by further comprising:

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

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

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

~~liquefaction means configured to liquefy the gas compressed by the compression means.~~

~~7. The water floating facility of claim 6, characterized by further comprising:~~

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

~~8~~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.

~~9~~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.

~~10~~7. The water floating facility of claim 1 or 2, characterized by further comprising a function to move on the water.