WHAT IS CLAIMED IS:

1. A system using cold energy, the system comprising:

a liquefied gas storage unit configured to store a liquefied gas;

a primary loop configured to circulate a first intermediate medium to which cold energy of the liquefied gas has been transferred; and

a secondary loop configured to circulate a second intermediate medium for which a heat exchange with the first intermediate medium has occurred in at least one heat exchange unit interworking with the primary loop,

wherein the primary loop comprises:

a first heat exchange unit configured to cause the cold energy of the liquefied gas to be transferred to the first intermediate medium so that a 1-1th heat exchange occurs between the liquefied gas and the first intermediate medium; and

a first intermediate medium storage unit configured to store the first intermediate medium for which the 1-1th heat exchange has occurred, and capable of being switched from a closed state to an open state or from an open state to a closed state,

wherein the at least one heat exchange unit causes a heat exchange to occur between the first intermediate medium and the second intermediate medium in a state in which the

first intermediate medium is stored in the first intermediate medium storage unit; and

wherein the secondary loop comprises:

a 2-1th heat exchange unit configured to cause a 2-1th heat exchange to occur between the second intermediate medium and the first intermediate medium;

a 2-1th intermediate medium storage unit configured to store the second intermediate medium for which the 2-1th heat exchange has occurred; and

a power generation unit configured to generate electrical energy using the second intermediate medium for which a 2-2th heat exchange with a heat source has occurred.

2. The system of Claim 1, wherein the secondary loop further comprises:

a 2-2th intermediate medium storage unit configured to store the second intermediate medium used to generate the electrical energy; and

a compression unit configured to compress the second intermediate medium moving out of the 2-2th intermediate medium storage unit.

3. The system of Claim 2, wherein the secondary loop further comprises:

a 2-2th heat exchange unit configured to, before the second intermediate medium used to generate the electrical

energy is stored in the 2-2th intermediate medium storage unit, cause a 2-3th heat exchange to occur between the second intermediate medium and the first intermediate medium.

4. The system of Claim 3, wherein the secondary loop further comprises:

a bypass configured to cause the second intermediate medium moving out of the 2-2th intermediate medium storage unit not to pass through the compression unit, and

wherein the bypass is formed in parallel with a path in which the compression unit is disposed.

5. The system of Claim 3, wherein the secondary loop further comprises:

a 2-3th heat exchange unit configured to, before the second intermediate medium is compressed in the compression unit, cause a 2-4th heat exchange to occur between the second intermediate medium and the first intermediate medium.

6. The system of Claim 1 or 3, wherein the 2-1th intermediate medium storage unit comprises a primary storage unit configured to compress and store the second intermediate medium for which the 2-1th heat exchange has occurred at a first pressure, and a secondary storage unit configured to further compress and store the second intermediate medium compressed at the first pressure at a

second pressure, and

wherein the second pressure is higher than the first pressure.

7. The system of Claim 5, wherein the secondary loop further comprises:

a 2-3th intermediate medium storage unit configured to store the second intermediate medium compressed in the compression unit; and

an additional compression unit configured to compress the second intermediate medium moving out of the 2-3th intermediate medium storage unit.

8. The system of Claim 6, wherein the second intermediate medium is supplied with cold energy from a cold energy source while stored in the primary storage unit, and supplied with heat from a heat source while stored in the secondary storage unit.