

A COOLING SYSTEM

Abstract

5 Disclosed herein is a cooling system comprising a first heat exchanger for receiving heat from a heat generating system, a second heat exchanger, a first closed-loop circuit for conveying heat from the first heat exchanger to the second heat exchanger, a storage system operable for providing natural gas to the second heat exchanger for receiving heat conveyed by the first closed-loop circuit to the second heat exchanger, and a gas engine for receiving
10 the natural gas from and heated by the second heat exchanger and enabling generating of energy therefrom. The energy generated by the gas engine being at least one of heat energy and mechanical energy.

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Figure 1

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