

Energy for Sustainable Development (IF 4.9) Pub Date : 2024-07-16, DOI: 10.1016/j.esd.2024.101517 Qingqing Li, ...

This review introduced the air condition with cold storage devices, conducted a classified study on various cold storage technologies or applications and introduced these cold ...

In permafrost regions, the climate warming and construction of engineering will change the energy exchange process between the original ground surface and the ambient, ...

5 ???· The counter-argument to nature's water storage methods come in the form that "Aquifers, while vital, are not a limitless resource". Over-extraction of groundwater, particularly ...

Further studies and applications with respect to piling in cold regions are thus recommended, based upon current practice and issues. Cold regions shall be divided into two ...

As the world races toward renewable energy adoption, solving the "Arctic battery paradox" has become critical. Let's explore how engineers are turning frosty challenges into opportunities.

Therefore, this work assesses the maturity of energy storage technologies to provide energy stability for Army installations in cold regions, especially to meet critical power demands.

The information summarized in this technical report provides a reference for considering various energy storage technologies to support specific applications at Army installations, especially ...

