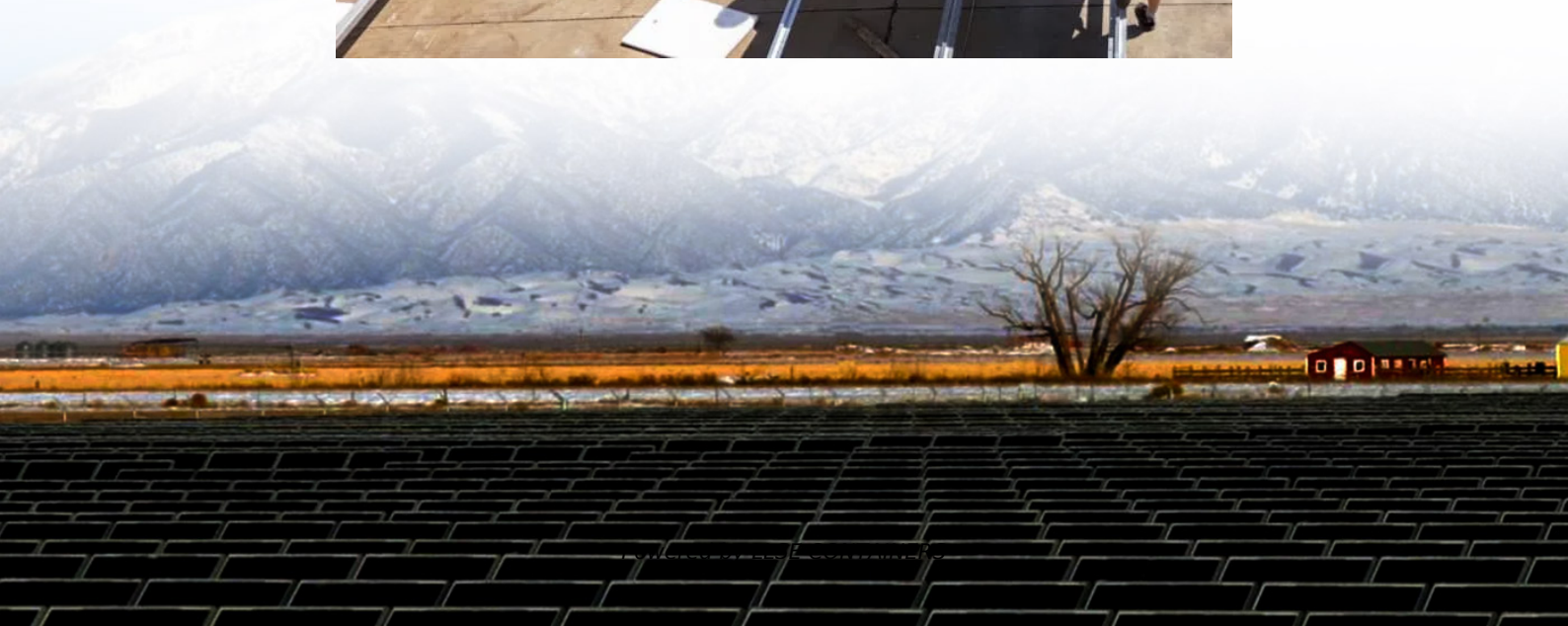


Long-life energy storage containers for mining





Overview

How many energy storage containers are there?

The installation comprises 48 energy storage containers, providing a total capacity of 250MWh and capable of delivering up to 50MW of power for five hours. Designed to provide critical grid stability, the BESS is a major step toward replacing fossil fueled generation with renewable energy.

How can mining companies become energy self-sufficient?

Becoming energy self-sufficient. Overall, mining companies can start transforming their mines today as renewables, specifically solar PV, can now deliver a lower LCOE than diesel. Deployment of solar PV with BESS, for example, is an excellent hedging solution against diesel or gas price increases and/or future carbon costs.

Are electric haul trucks a viable solution for the mining industry?

The incorporation of electric-powered haul trucks is a huge opportunity for the mining industry. Designing a solution that can integrate battery-powered equipment with existing mining processes, without disrupting current (non-stop) operations, will be critical to achieving emission reduction targets.



Long-life energy storage containers for mining



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