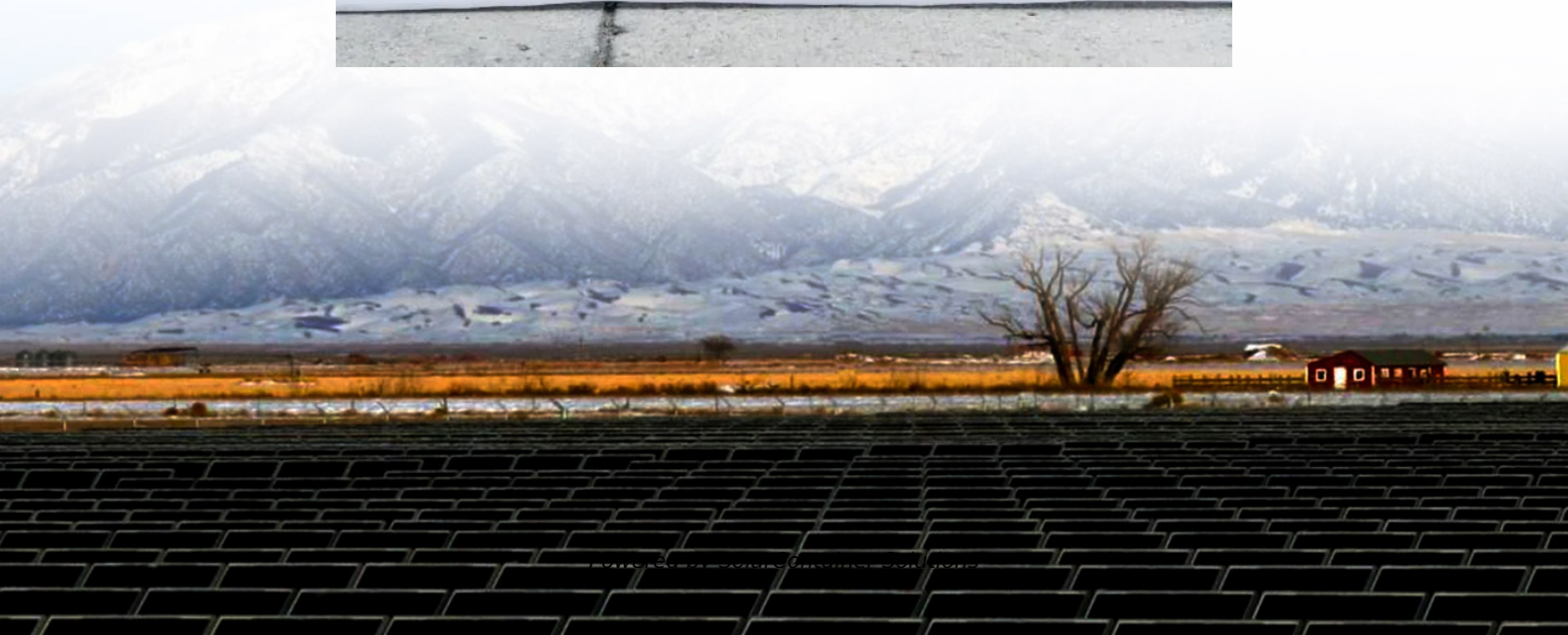


The most affordable home energy storage solution





Overview

Generally, pumped hydro storage is recognized as one of the most cost-effective methods for large-scale energy storage. Other affordable options include compressed air energy storage (CAES) and emerging technologies like iron-air batteries. Which energy storage systems are most promising?

Thus, among the energy storage systems we can highlight the chemical approach represented by water-splitting, and the electrochemical (such as batteries and supercapacitors) as the most promising devices to store solar, wind and hydroelectric energy as electricity.

Which energy storage solution is most cost-effective?

Gravity Power is by far the most cost-effective solution for long duration energy storage. Gravity Power returns energy to the grid at about 4¢ per KWh, less than half the cost of lithium ion, including the cost of energy lost in the round trip. The big difference is in CapEx.

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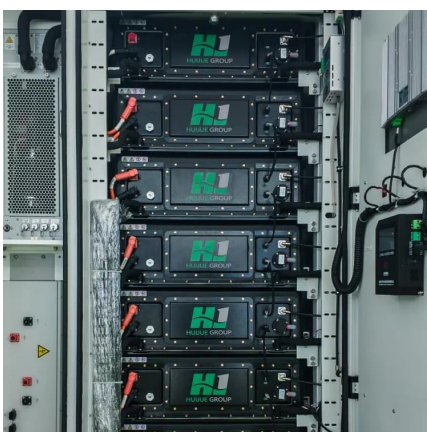
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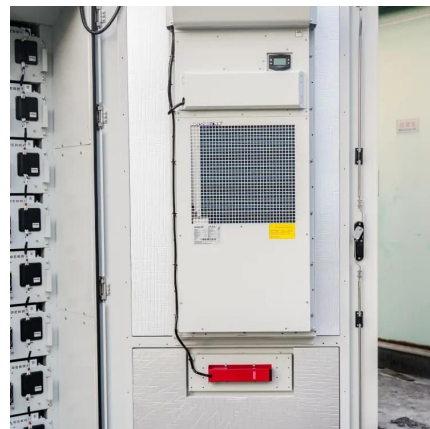
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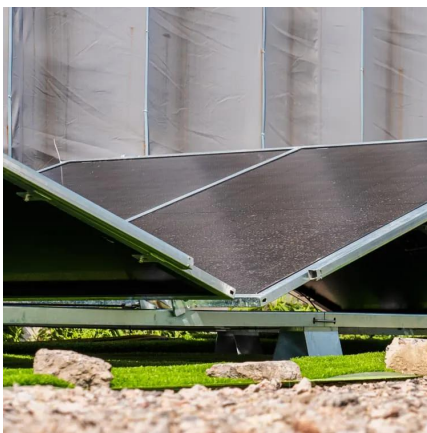
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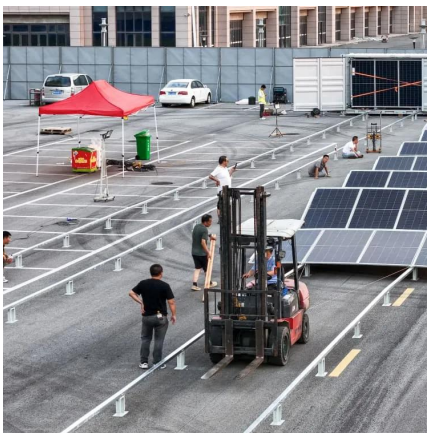




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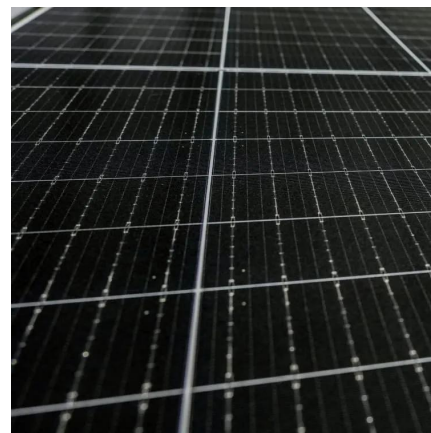
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