

# What are the categories of large-scale energy storage projects

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Compressed air, superconducting magnets, underground pumped storage, and hydrogen storage are all forms of emerging energy storage that are in different stages of development.

Residential, commercial, industrial, and utility users are beginning to install energy storage systems to fulfill their energy and reliability needs, but challenges remain to deploying these ...

Electrochemical: Storage of electricity in batteries or supercapacitors utilizing various materials for anode, cathode, electrode and electrolyte. Mechanical: Direct storage of potential or kinetic ...

These projects can be categorized into several models, including 2. Pumped Hydro Storage, 3. Lithium-ion Battery Systems, 4. Thermal Energy Storage, 5. Compressed Air ...

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