

# Tender for thimphu compressed air energy storage project

What is compressed air energy storage (CAES)?

Among the different ES technologies, compressed air energy storage (CAES) can store tens to hundreds of MW of power capacity for long-term applications and utility-scale. The increasing need for large-scale ES has led to the rising interest and development of CAES projects.

Which energy storage technology is suitable for large scale energy storage?

In addition to widespread pumped hydroelectric energy storage (PHS), compressed air energy storage (CAES) is another suitable technology for large scale and long duration energy storage. India is projected to become the most populous country by the mid-2020s .

What is an example of a widespread storage technology deployment?

One example they mention is precisely CAES. The IEA Technology Roadmap states that the key to achieving widespread storage technology deployment is enabling compensation for multiple services delivered across the energy system.



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