

# Distributed energy storage business model





## Overview

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Are distributed energy resource business models dynamic?

We present an analysis of 144 distributed energy resource business models. We highlight the policy dependencies of characterized business model archetypes. Regulation and policy are key drivers of business model structure. We find that business models are dynamic, changing with time, technology, and policy.

Are energy storage business models fully developed?

Even though the business models are not yet fully developed, the cases indicate some initial trends for energy storage technology. Energy storage is becoming an independent asset class in the energy system; it is neither part of transmission and distribution, nor generation. We see four key lessons emerging from the cases.

Can energy storage disrupt business models?

Energy storage has the potential to disrupt business models. Energy storage has been around for a long time. Alessandro Volta invented the battery in 1800. Even earlier, in 1749, Benjamin Franklin had conducted the first experiments. And the first pumped hydro storage facilities (PHS) were built in Italy and Switzerland in 1890.

What are the business models for large energy storage systems?

The business models for large energy storage systems like PHS and CAES are changing. Their role is traditionally to support the energy system, where large amounts of baseload capacity cannot deliver enough flexibility to respond to changes in demand during the day.



## Distributed energy storage business model

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Business models for distributed energy storage



However, across the globe, distributed energy storage development models still remain in the exploratory stage. The question of how to fully develop the value of distributed energy storage ...

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