

# Energy storage power station investment costs

How much does the energy storage system cost?

The energy storage system is a 4MW,32MWh NaS battery consisting of 80 modules,each weighing 3 600 kg. The total cost of the battery system was USD 25 millionand included USD 10 million for construction of the building to house the batteries (built by Burns &McDonnell) and the new substation at Alamito Creek.

Are battery electricity storage systems a good investment?

This study shows that battery electricity storage systems offer enormous deployment and cost-reduction potential. By 2030,total installed costs could fall between 50% and 60% (and battery cell costs by even more),driven by optimisation of manufacturing facilities,combined with better combinations and reduced use of materials.

How much investment is needed for stationary energy storage?

According to BloombergNEF (BNEF),more than \$262 billion of investmentwill be needed for stationary energy storage by 2030. BNEF's 2021 Global Energy Storage Outlook projects significant growth in this sector,with Yayoi Sekine,the firm's head of decentralized energy,stating that 'this is the energy storage decade'.

What are energy storage technologies?

Informing the viable application of electricity storage technologies,including batteries and pumped hydro storage,with the latest data and analysis on costs and performance. Energy storage technologies,store energy either as electricity or heat/cold,so it can be used at a later time.

Why should we invest in a pumped storage power plant?

By storing energy,the pumped storage power plant will contribute to greater security of supplyin southern Germany. This investment is part of our previously announced strategy to invest in growth and transformation towards a greener business.

How will a pumped storage power plant contribute to the energy transition?

The company is making a significant contribution to the energy transition and is continuing its corporate transformation towards more renewable energy generation. By storing energy,the pumped storage power plant will contribute to greater security of supplyin southern Germany.

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