

## SolarTech Power Solutions

# How much energy storage is economical



### Power Conversion System

- Single-stage three-level modularization
- Multi-branch input to reduce battery series and parallels connection

## Overview

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In this work we describe the development of cost and performance projections for utility-scale lithium-ion battery systems, with a focus on 4-hour duration systems. The projections are developed from an analysis of recent publications that include utility-scale storage costs.

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The 400-MW Eland solar power project will be capable of storing 1,200 megawatt-hours of energy in lithium-ion batteries to meet demand at night. The project is a part of the city's climate commitment to reach 100 percent renewable energy by 2045. Electricity and heat production are the largest.

Energy storage technologies are uniquely positioned to reduce energy system costs and, over the long-term, lower rates for consumers by: Enabling a clean grid. Energy storage is, at its core, a resilience enabling and reliability enhancing technology. Across the country, states are choosing energy.

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### Contact Us

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