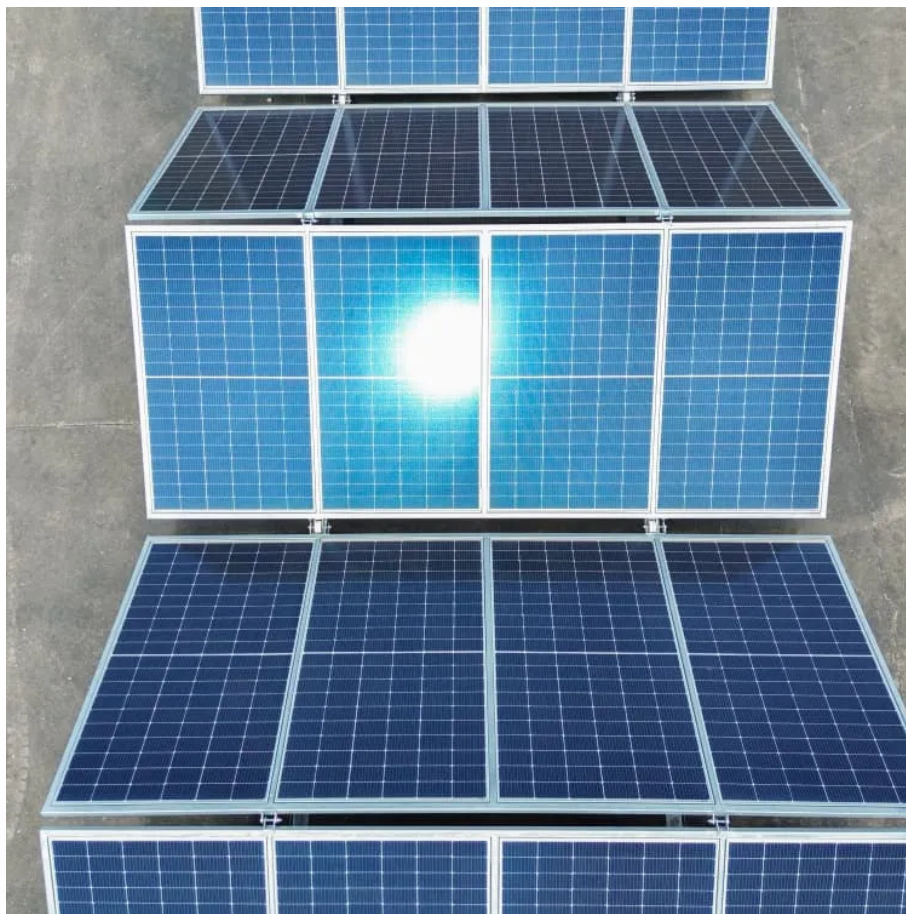


# Atb home energy storage





## Overview

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What are the parameters of a 2024 ATB?

Therefore, all parameters are the same for the research and development (R&D) and Markets & Policies Financials cases. The 2024 ATB represents cost and performance for battery storage with a representative system: a 5-kilowatt (kW)/12.5-kilowatt hour (kWh) (2.5-hour) system.

Do battery storage technologies use financial assumptions?

The battery storage technologies do not calculate levelized cost of energy (LCOE) or levelized cost of storage (LCOS) and so do not use financial assumptions. Therefore, all parameters are the same for the research and development (R&D) and Markets & Policies Financials cases.

What is a bottom-up battery energy storage system?

The bottom-up battery energy storage system (BESS) model accounts for major components, including the LIB pack, inverter, and the balance of system (BOS) needed for the installation.

Does NREL maintain future cost projections for residential Bess for the ATB?

NREL does not maintain future cost projections for residential BESS for the ATB as it does for utility-scale systems. Instead, we base residential BESS cost projections on the NREL bottom-up cost model for residential systems combined with component cost projections from BloombergNEF (BNEF).



## Atb home energy storage

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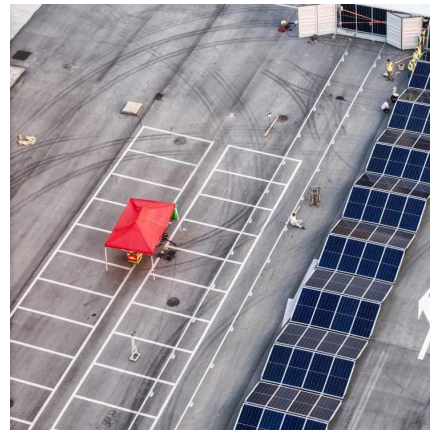


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