

## **A-Core Container**

# **New Energy Storage Project Construction Budget**



## Overview

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The One Big Beautiful Bill Act (OBBA) is set to dramatically reshape how grid scale and residential energy storage systems are treated under federal tax law. The new budget package revises critical incentives laid out by the IRA, focusing particularly on foreign sourcing restrictions, new domestic.

Pumped storage hydropower (PSH) facilities are like large batteries that use water and gravity. They can store up to 12 hours' worth of clean, renewable energy and send that power to the grid the moment it's needed (for comparison, batteries provide about 4 hours of energy storage). As the United.

US energy storage projects that begin construction by the end of 2033 will remain eligible for investment tax credit (ITC) incentives. During last Friday's Independence Day national holiday (4 July), US President Donald Trump signed the budget reconciliation bill into law. The 'One, Big, Beautiful.

**Equipment Procurement Costs:** Energy storage stations incur significant construction expenses when purchasing equipment for storage stations, with energy storage batteries accounting for the largest proportion (usually around 50%) of this expenditure. Key equipment includes battery management.

**The Big Three: Batteries, Inverters, and Balance of System (BOS)** Battery costs dropped to \$80-100/kWh for utility-scale systems in 2024 [9] [10]. That's like buying a Tesla battery for 1/5th the price of 2015! Inverters now eat up 10-15% of budgets. Pro tip: Go modular—it's LEGO for energy nerds.

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