

# **Return on investment in energy storage projects**





## Overview

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How does energy storage affect ROI?

The cost of electricity, including peak and off-peak rates, significantly impacts the ROI. Energy storage systems can store cheaper off-peak energy for use during expensive peak periods. Subsidies, tax credits, and rebates offered by governments can enhance the financial attractiveness of ESS installations.

What is Energy Return on Investment (EROI)?

Energy return on investment (EROI) is another way of understanding energy productivity. As with the more familiar metric of return on investment (ROI), EROI is a ratio of profit to expenditure—in this case, energy profit to energy expenditure. (Passage continues with additional context about the concept of EROI.).

Is energy storage a good investment?

As energy storage becomes increasingly essential for modern energy management, understanding and enhancing its ROI will drive both economic benefits and sustainability. To make an accurate calculation for your case and understand the potential ROI of the system, it's best to contact an expert.

What factors influence the ROI of a battery energy storage system?

Several key factors influence the ROI of a BESS. In order to assess the ROI of a battery energy storage system, we need to understand that there are two types of factors to keep in mind: internal factors that we can influence within the organization/business, and external factors that are beyond our control.



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Energy Storage Investments - Publications

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Annual return on energy storage investment

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