

# How to use BESS with rooftop solar panels





## Overview

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### What is rooftop solar with Bess?

Rooftop solar with BESS is a practical, scalable solution to modern energy challenges. It empowers commercial and industrial users with control, flexibility, and cost savings, while supporting a cleaner, more resilient grid. As energy systems evolve, solar + storage is poised to be a cornerstone of the distributed, decarbonized future.

### Why should you choose a rooftop PV & Bess system?

4. The rooftop PV + BESS can provide a diverse range of services and quickly respond to grid requirements. Technological advancements have also improved the scalability of energy storage systems. Thus, the BESS can be an essential grid element, contributing to system reliability and flexibility.

### Why should solar & storage systems be integrated with Bess?

When paired with BESS, this higher-quality energy can be preserved, time-shifted, and monetized more effectively. This results in improved financial returns across both distributed and utility-scale systems. Efficient system integration is key to lowering the total cost of ownership in solar + storage projects.

### What is the cost-benefit analysis for Bess & rooftop PV combined?

The cost-benefit analysis has been carried out based on the following primary benefits to C&I consumers considering BESS and rooftop PV combined and BESS without a PV system. The PV and BESS will operate behind the meter in tandem with the grid power supply system and DG power supply when there is a grid outage.



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