

**SolarInnovate Energy Solutions**

# **Enterprise Energy Storage Project**



## Overview

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What is energy storage?

Energy storage encompasses an array of technologies that enable energy produced at one time, such as during daylight or windy hours, to be stored for later use. LPO can finance commercially ready projects across storage technologies, including flywheels, mechanical technologies, electrochemical technologies, thermal storage, and chemical storage.

Why is energy storage important?

Energy storage serves important grid functions, including time-shifting energy across hours, days, weeks, or months; regulating grid frequency; and ensuring flexibility to balance supply and demand.

What is the difference between manufacturing and deployment of energy storage systems?

**Manufacturing:** Projects that manufacture energy storage systems for a variety of residential, commercial, and utility scale clean energy storage end uses. **Deployment:** Projects that deploy residential, commercial, and utility scale energy storage systems for a variety of clean energy and clean transportation end uses.

How will the ESP impact the energy storage industry?

By developing and adapting new storage solutions to the needs of developing countries, the ESP will help expand the global market for energy storage, leading to technology improvements and accelerating cost reductions over time.

How can energy storage help developing countries?

By connecting stakeholders and sharing experiences in deploying energy storage, the ESP will help bring new technological and regulatory solutions to developing countries, as well as help develop new business models that

leverage the full range of services that storage can provide.

How can we sustainably scale up energy storage in developing countries?

To sustainably scale up the deployment of energy storage in developing countries, technologies will need to be able to operate in harsh climatic conditions, supply electricity over long duration periods, and sustainably manage issues such as the reuse and recycling of batteries.

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### **Eos Energy Enterprises, Inc. Selected for 35 MWh Long Duration Energy**

Nov 4, 2022 · California Energy Commission ("CEC"), Indian Energy, and Eos Energy Enterprises to bring innovative Made in America clean energy storage solution for Viejas Enterprise ...

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