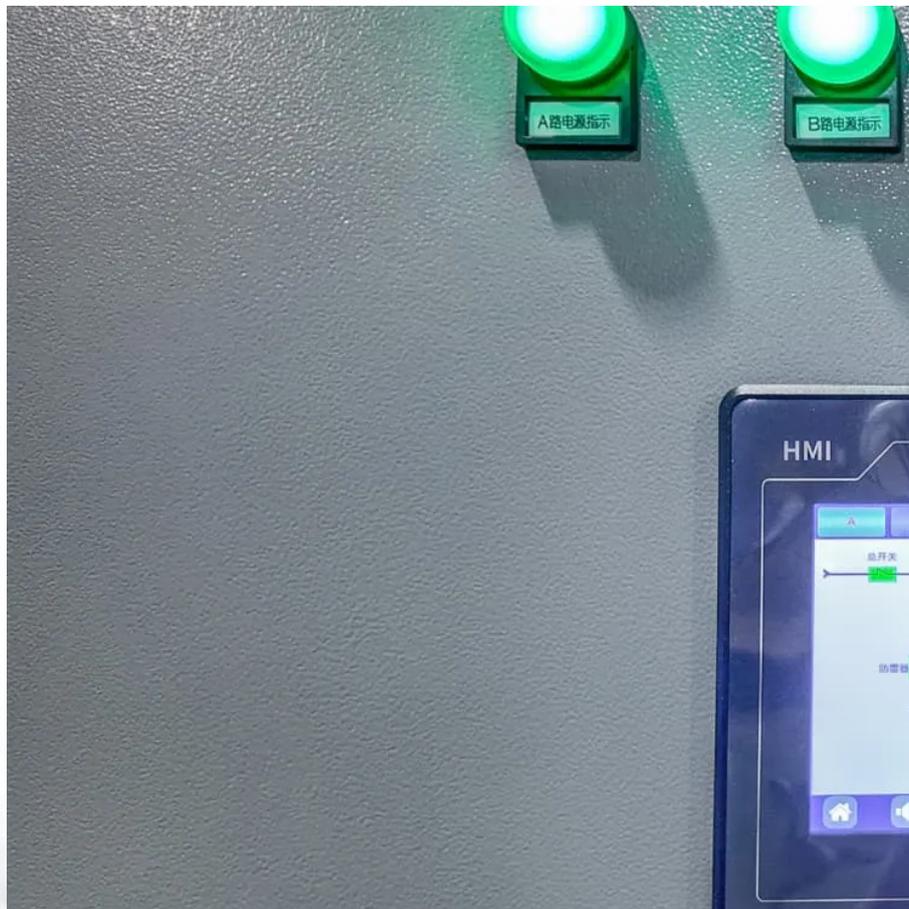


# Off-grid pricing for energy storage containers used at Russian airports





## Overview

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How much does an off-grid solar-plus-storage project cost?

According to Usachev, the levelized cost of electricity (LCOE) of recently commissioned off-grid solar-plus-storage projects ranges from RUB14-22/kWh (\$0.19-0.29), which makes it much more economically viable, compared to net diesel generation. An off-grid PV plant built by Hevel Solar.

How can a microgrid be used in a construction site?

Solar, storage and diesel generator combined microgrid used in areas without electricity. Integrate solar, storage, and charging stations to provide more green and low-carbon energy. On the construction site, there is no grid power, and the mobile energy storage is used for power supply.

Will a 60% tariff increase energy storage costs?

“What we found is that with the 60% tariff, the cost [of a turnkey energy storage system] increases by 60% compared to 2025, so this is quite a big cost jump if the US actually decided to do so,” Kikuma says.

What is energy storage container?

SCU uses standard battery modules, PCS modules, BMS, EMS, and other systems to form standard containers to build large-scale grid-side energy storage projects.



## Off-grid pricing for energy storage containers used at Russian airports

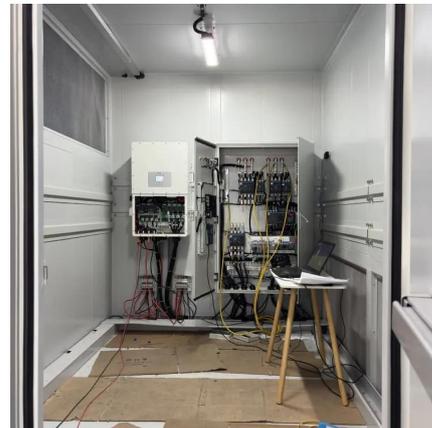


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