



# Flywheel energy storage estonia

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This is a project for a local dairy farm equipped with a 100kW solar PV system. The farm faced challenges during winter power outages, which threatened the operation of their milk production facilities. To address this, we installed two Lenercom LC-C1-HZ60-129 integrated energy storage systems. Each system has a power capacity of 60kW and an energy capacity of 129kWh. This setup ensures reliable off-grid operation while maximizing the use of excess solar energy.

For the farm, having reliable power isn't just a nice-to-have--it's critical. Power outages, especially during the winter, could disrupt the entire milk production process. They needed a way to store their solar energy to keep things running during those outages. On top of that, they saw a chance to save money by storing energy when it's cheap and using it during peak electricity hours. Energy storage just made sense--it's reliable, cost-effective, and it keeps them prepared for anything.

When it came to picking a supplier, Lenercom checked all the boxes.1. Handles Big Jobs: The farm needed a lot of power, and Lenercom's systems can run in parallel to deliver exactly what they needed.2. Local Support: Knowing that we, as local partners, could provide service and support gave the farm extra confidence in their choice.3. All-in-One Design: The compact, integrated design of Lenercom's system meant less hassle during installation and operation.4. Proven ROI: Lenercom provided clear numbers showing how the system would pay off, which made the investment an easy decision.



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