

## SolarInnovate Energy Solutions

# Belgrade Home Energy Storage



Standard 20ft containers



Standard 40ft containers



## Overview

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What is storeenergy?

Welcome to StorEnergy, where we're reshaping the future of energy storage. Our groundbreaking thermal energy storage solution, powered by recycled ceramics, embodies our commitment to innovation, sustainability, and cost-efficiency. StorEnergy is the answer to reliable and eco-friendly energy storage.

Who owns the large-scale solar and battery energy storage project?

Delivering the utmost flexibility to the Serbian government, the Large-Scale Solar and Battery Energy Storage Project being developed by UGT Renewables will be owned and operated by Electric Power Industry of Serbia (EPS) once completed.

What is UGT renewables Serbia solar?

UGT Renewables Serbia Solar is a ground-mounted solar project, which is planned over 2,000 hectares. The electricity generated from the Serbia Solar PV will offset 1,900,000t of carbon dioxide emissions (CO<sub>2</sub>) a year. UGT Renewables Serbia Solar PV will be a 1,000MW solar PV power project developed in a single phase.

What is thermal energy storage?

Our patented thermal energy storage technology harnesses the power of recycled ceramics, resulting in an efficient, affordable, and environmentally-friendly energy solution. The ceramic material is heated up to 900 degrees Celsius, after which the stored heat can be dispatched on demand.

How has CIEMAT transformed energy storage & delivery?

We've initiated several groundbreaking projects both domestically and internationally. Our most notable undertaking is the 3 MWh thermal storage capacity system at the CIEMAT institute in Spain. This has served as a

valuable test bed for our technology, reinforcing our belief in its potential to transform energy storage and delivery.

What is Serbia solar PV?

The electricity generated from the Serbia Solar PV will offset 1,900,000t of carbon dioxide emissions (CO<sub>2</sub>) a year. UGT Renewables Serbia Solar PV will be a 1,000MW solar PV power project developed in a single phase. Articles, videos and more about our projects in Serbia.

## Belgrade Home Energy Storage



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