



# Belgrade forces the deployment of new energy storage





## Overview

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Enter mobile energy storage – the Swiss Army knife of urban power solutions. Unlike traditional "fixed" energy storage, these portable power banks for cities can be deployed wherever needed, making Belgrade's 140 MW solar-storage hybrid project [1] [2] look like a preview of.

The deployment of battery energy storage systems (BESS) across Southeast Europe is progressing at an uneven pace. State subsidies and financing mechanisms have enabled the rapid implementation of BESS solutions in Greece, Romania and Bulgaria, while markets in the Western Balkans are lagging.

Enter mobile energy storage – the Swiss Army knife of urban power solutions. Unlike traditional "fixed" energy storage, these portable power banks for cities can be deployed wherever needed, making Belgrade's 140 MW solar-storage hybrid project [1] [2] look like a preview of Europe's energy future.

Serbia's national power utility Electric Power of Serbia (EPS) produces nearly 70 percent of the country's electricity from coal and nearly 27% percent from hydropower, with approximately 4% coming from private developers in wind and solar energy. Serbia heavily subsidizes coal and electricity.

This vulnerability explains why Belgrade's municipal council fast-tracked six solar-plus-storage projects in Q1 2025. Modern lithium iron phosphate batteries now dominate Belgrade's storage market, offering: This riverside neighborhood's 15MWh Tesla Megapack installation achieved: Belgrade's.

Fortis Energy CEO-EE Nikola Oklobdžija delivered a speech at the Belgrade Energy Forum 2025. Belgrade Energy Forum 2025, held under the auspices of the Republic of Serbia's Ministry of Mining and Energy and organized by Balkan Green Energy News, gathered over 400 participants from more than 30.

Electricity market coupling with neighbors in the European Union is a major factor



in the EU integration of Energy Community contracting parties, including the Western Balkans, alongside deeper coordination within the region, the establishment of energy interconnections, investments in renewables. What is Belgrade Energy Forum 2025?

The third Belgrade Energy Forum, BEF 2025, started today in Serbia's capital city, welcoming four hundred participants from more than 30 countries from the region, Europe and beyond. The two-day conference, organized by Balkan Green Energy News, features eight panels with over 50 officials, executives and prominent energy experts.

Will Serbia develop a pumped storage hydro project at Djerdap?

Serbia is interested in a developing a Pumped Storage Hydro (PSH) project at Djerdap. The project is located east of Belgrade on the Danube River bordering with Romania. First conceived in 1974, Djerdap III is envisioned as a facility capable of daily and seasonal water regulation, with installed capacity of between 1800 and 2400 MW.

What is Serbia's energy investment plan?

The Ministry of Mining and Energy has announced a €15 billion investment plan for the electricity sector in next several years, expecting to reach more than 3 GW of renewable energy production plants. The main players and investors in the Serbian Energy Sector are:.

How many wind power plants does Serbia have?

Through its fully subscribed feed-in tariff program (long-term contracts which provide guaranteed pricing to renewable producers), Serbia has contracted 568 MW of wind power plants and approximately 11 MW of solar plants.



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### Belgrade Energy Forum 2025 - energy market reforms accelerate

Electricity market coupling is a major factor in EU integration, alongside deeper coordination within the region, interconnections, investments and carbon pricing, top officials ...

### Fortis Energy

The absence of clear regulations and an established market framework remains a notable challenge for the rollout of large-scale battery energy storage systems (BESS) in Southeast ...



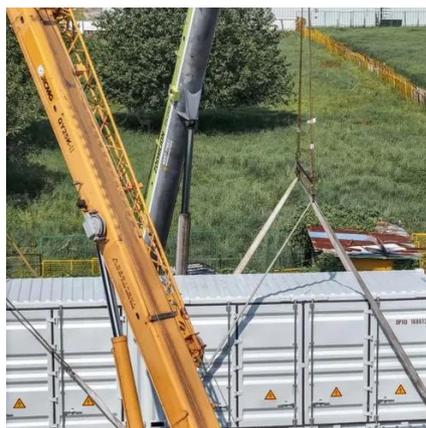
### [Battery storage market in SEE emerging. Western Balkans ...](#)

The deployment of battery energy storage systems (BESS) across Southeast Europe is progressing at an uneven pace. State subsidies and financing mechanisms have ...



### Belgrade Solar Energy Storage: Solving Intermittency Challenges ...

As we approach Q4 2025, watch for Belgrade's first virtual power plant aggregating 5,000 residential storage units--a game-changer for grid flexibility during winter peaks.



### Belgrade energy storage industry

There are exponential opportunities for energy storage investments to facilitate the green transition, main developers and operators in Southeast Europe said at Belgrade Energy Forum.



### [Belgrade Energy Forum 2025 - energy market ...](#)

Electricity market coupling is a major factor in EU integration, alongside deeper coordination within the region, interconnections, ...



### Belgrade Power Mobile Energy Storage: Revolutionizing Energy ...

A sudden power outage hits Belgrade during peak tourism season. Hotels lose AC, traffic lights go haywire, and ice cream shops face a meltdown (literally). Enter mobile energy ...



### [Battery storage market in SEE emerging. Western ...](#)



The deployment of battery energy storage systems (BESS) across Southeast Europe is progressing at an uneven pace. State ...



### Serbia

Storage: Large-scale deployment of variable/intermittent renewable power sources--i.e., wind and solar power--make grid balancing more challenging and can ...

### [Belgrade forces the deployment of new energy storage](#)

Energy storage systems - from small and large-scale batteries to power-to-gas technologies - will play a fundamental role in integrating renewable energy into the energy infrastructure to help ...



### [Belgrade Energy Forum: insights on energy-storage , BUILD UP](#)

Panelists agreed that new technologies, including thermal energy storage, can effectively enhance the stability of intermittent energy production from renewable sources.

### **Belgrade's Energy Revolution: How New Energy Storage Projects ...**



The city's new 140MW photovoltaic + storage project isn't just another solar farm - it's Serbia's first large-scale marriage of solar generation with lithium-ion battery storage.





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