

Construction of energy storage power generation project in Latvia

Where is the first battery energy storage system in Latvia?

On November 1 Latvia's largest wind energy producer Utilitas Wind opened the first utility-scale battery energy storage battery system in Latvia with a total power of 10 MW and capacity of 20 MWh in Targale, Ventspils region.

Are new wind farms a good investment for Latvia's energy security?

I am pleased that the bar has been set high for developers of new wind farms, which also plays an important role in the context of Latvia's energy security," said Climate and Energy Minister of Latvia, Kaspars Melnis. Given the total investment in the project, the OP Corporate Bank provided loan financing.

How will Latvenergo improve the security of supply?

The innovations and infrastructure of Latvenergo will not only strengthen the security of supply but also the development of the Baltic region." BESS, or Battery Energy Storage System, is a technology that allows electricity to be stored with the objective of feeding it back into the grid at times of peak demand.

Why are battery systems important for Latvenergo?

Battery systems play a crucial role in balancing the production volumes of Latvenergo and improving the flexibility of consumption. Chief Financial Officer of Latvenergo Guntars Balcuns: "This investment in battery systems is an important step in the development of our energy sector and long-term sustainability.

Why did we build a Bess for Latvenergo?

Therefore, in the generation portfolio of Latvenergo, alongside hydro power plants (installed capacity ~1550 MW), combined heat and power plants (~1050 MW) and solar and wind capacities under development, we planned to build a BESS which will ensure synergy with the generation and sales portfolio of Latvenergo.

The electricity sector is dominated by renewables, but more decarbonisation is needed in other sectors. Latvia has already made inroads on the share of renewable energy in its fuel mix, with ...

The Project involves the construction of a 330 kV substation, "Padure", with a connection to a 330 kV high-voltage line on the Latvian ...

Hoymiles, as a key technology supplier, played a pivotal role in the project. Managed by Utilitas, Latvia's largest wind energy producer, this project combines wind energy ...

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Latvenergo said it will build the battery energy storage system (BESS) projects in response to increasing demand for flexibility and to synergise with its hydropower, gas-fired ...

When it comes to linking battery storage technology with green electricity production, RWE can draw on many years of experience in the energy storage ...

European renewable energy provider SUNOTEC has completed the purchase of SIA DSE Lazas Solar's solar and energy storage project in Latvia from Danish Sun Energy. This ...

The launch of the Targale energy storage system marks a significant leap forward for Latvia's clean energy transition. It enhances the stability of the national grid, strengthens ...

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Pumped-storage hydroelectricity (PSH), or pumped hydroelectric energy storage (PHES), is a type of hydroelectric energy storage used by electric power systems for load balancing. A PHS ...

"Latvia's push for renewable energy, highlighted by projects like the "Elwind," is bringing in fresh investment and boosting our energy independence. These ...

Luneng national energy storage power station demonstration project At 11:16 a.m. on December 25 th, 2018, the 50 MW/100 MWh LFP energy storage project of the Luneng National Energy ...

Given Latvia's high share of renewable electricity, the need for electricity storage technologies will increase significantly. However, there are also challenges, such as the need ...

This deal marks the beginning of a major solar energy project at the port of Riga, which will include the installation of solar panels, the production and storage of renewable electricity, and ...

The plans of the Group to invest in battery energy storage system technology by installing 250 MW of power with a capacity of 500 MWh by 2030 is an affirmation of the ...

Latvian state-owned utility Latvenergo AS has decided to invest in a new business area in its portfolio with plans to install 250 MW/500 MWh of ...

European Energy has begun constructing Latvia's largest solar farm, boasting a capacity of 148 MW and featuring 240,000 solar panels. The solar farm will produce around ...

Swedish real asset investment firm Niam and Estonian renewables developer Evecon have decided to partner



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in Latvia on the ...

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Estonia has initiated construction of what will be the largest battery park in Europe that will significantly contribute to the synchronization of the Baltic power grids with Europe by ...

The Project involves the construction of a 330 kV substation, "Padure", with a connection to a 330 kV high-voltage line on the Latvian national grid. The total cost of the ...

Latvenergo said it will build the battery energy storage system (BESS) projects in response to increasing demand for flexibility and to ...

Swedish investment firm Niam and Estonian developer Evecon have formed a partnership to implement solar energy and energy storage projects in Latvia. Under this ...

Latvian state-owned utility Latvenergo AS has decided to invest in a new business area in its portfolio with plans to install 250 MW/500 MWh of battery energy storage capacity ...

Bulgarian solar engineering company Sunotec has acquired 100% of the project company, SIA DSE Lazas Solar, from Danish Sun Energy.

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