



# 500 MW of solar energy in Tallinn





## Overview

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Utilitas is building what will become Tallinn's largest solar farm, with a capacity of 9.3 megawatts (MW), at the Vão energy complex. The park will consist of 15,600 solar panels and cover a total area of 11 hectares on the site of what was previously the Vão limestone.

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The European Bank for Reconstruction and Development (EBRD) is supporting the development of solar energy in Estonia by lending €22 million to KC Solar2 OÜ to finance the construction of a 45 MW solar park in the town of Kehra. The EBRD loan benefits from first-loss risk cover by the European Union.

Tallinn, the vibrant capital of Estonia, is a city that boasts not only a rich history and stunning architecture but also a promising potential for solar energy generation. With sustainability becoming a global priority, Tallinn's rooftops could be the key to achieving energy independence and.

Estonia strengthens its energy independence with the largest solar park in the Baltic. Estonia is taking a firm step toward energy independence with the construction of the Risti solar park, the largest in the region. The initiative has secured €62 million in financing, with the European Investment.

Estonia has achieved an unprecedented increase in photovoltaic (PV) solar installations, adding 513 MW in 2024, marking a historic milestone for the country. Silver Sillak, director of Eesti Taastuvenergia Koda (the Estonian Renewable Energy Chamber), states that this growth has been driven by the.

Tallinn, Harjumaa, Estonia (latitude: 59.433, longitude: 24.7323) offers varying potential for solar power generation throughout the year. The average energy production per day per kW of installed solar capacity in each season is as follows: 5.99 kWh/day in Summer, 1.54 kWh/day in Autumn, 0.50.

EIB lends €31 million to Estonian renewable-energy company Sunly for a new solar



park in the country, while SEB and Luminor will jointly contribute the same amount. 244 MW solar park in Risti in western Estonia to be largest photovoltaic-production (PV) site in the Baltics. Project marks.



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### [EBRD and EU support construction of Pihlaka ...](#)

Once fully operational, the Pihlaka solar farm is expected to generate 41,230 MWh annually to be sold on the open market. This will ...

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### **EBRD and EU support construction of Pihlaka solar farm in Estonia**

Once fully operational, the Pihlaka solar farm is expected to generate 41,230 MWh annually to be sold on the open market. This will not only make a significant contribution to ...

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### **Harnessing Tallinn's Roofs for Solar Power: A Deep Dive into Solar**

This article explores how covering the city's roofs with solar panels could revolutionize its energy landscape, providing a detailed analysis supported by robust calculations.

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### [Utilitas to build Tallinn's largest solar park , News , ERR](#)

Utilitas is moving towards reaching carbon neutrality by building new renewable energy generation capacity in the region, investing in solar and wind power and implementing ...



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### [Solar PV Analysis of Tallinn, Estonia](#)

Areas near Tallinn that would be most suited to large scale solar PV are those areas that have plenty of open space for solar panel installation and minimal shading from ...

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### [Estonia builds Risti, the largest solar park in the Baltic](#)

Estonia strengthens its energy independence with the largest solar park in the Baltic. Estonia is taking a firm step toward energy ...

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### [Utilitas Building Tallinn's Resplendent Solar Park](#)

Utilitas is building the largest solar park in Tallinn: 9.3MW capacity, 15,600 dual-sided solar panels, and EUR8M investment with the ...

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### [Estonia builds Risti, the largest solar park](#)





## [in the Baltic](#)

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## [Harnessing Tallinn's Roofs for Solar Power: A ...](#)

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## **Estonia to expand solar-power production with EUR62 million EIB, ...**

The European Investment Bank (EIB), together with local commercial banks SEB and Luminor, is lending the Estonian renewable energy company Sunly EUR62 million to build ...

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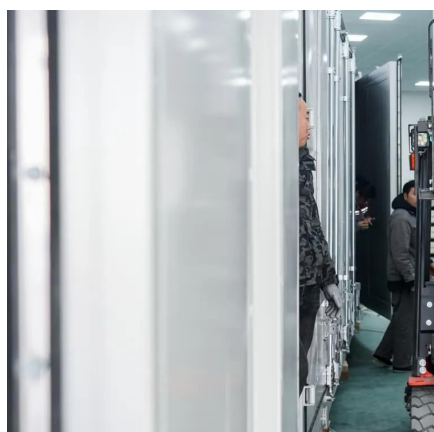
## **Estonia breaks record with 513 MW**



## of new solar capacity in 2024 ...

Estonia has achieved an unprecedented increase in photovoltaic (PV) solar installations, adding 513 MW in 2024, marking a historic milestone for the country.

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## [Construction of biggest Baltics solar farm started](#)

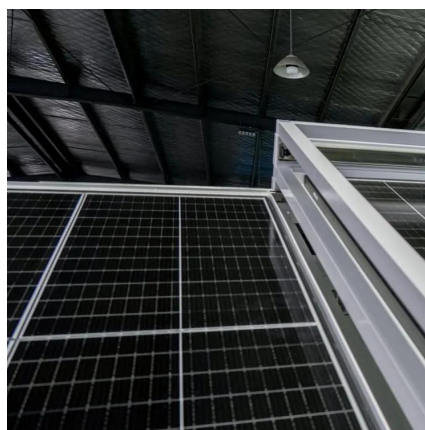
In the third week of November, Sunly and the Metsagrupp jointly started construction of this 244-megawatt-farm, consisting of almost 350,000 solar panels. It is located ...

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## Solar power plants to open on Tallinn city rooftops , Tallinn

In 2021, a rooftop construction examination was conducted on 56 buildings in Tallinn to assess energy-saving possibilities. It was discovered that 28 buildings in the city can ...

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## [Utilitas Building Tallinn's Resplendent Solar Park](#)

Utilitas is building the largest solar park in Tallinn: 9.3MW capacity, 15,600 dual-sided solar panels, and EUR8M investment with the goal to reduce carbon footprints and increase ...

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