

Press release

World record for BVB and RWE: Germany's largest stadium now has the most powerful PV system on a stadium roof

- **RWE completes 5-megawatt PV system**
- **BVB will cover up to half of its football stadium's electricity needs with solar power**
- **World record confirmed by German Record Institute**
- **Battery storage facility currently under construction will provide electricity when sun is not shining**

Essen/Dortmund, 21 November 2025

The new photovoltaic system at SIGNAL IDUNA PARK, which was developed as part of the sustainability partnership between BVB football club and RWE, is now complete. With 11,132 solar modules and an output of over 5 megawatts (MWp), Germany's largest stadium now boasts the world's most powerful PV system ever installed on a stadium roof. Going forward, BVB will be able to cover up to half of the stadium's electricity requirements with solar power. This world record has been officially confirmed by the German Record Institute. Compared to the previous power supply, the new solar system will save around 1,700 tonnes of CO₂ per year.

By the beginning of 2026, a battery storage facility with a capacity of 3.7 megawatt hours will also have been built. Once it has been connected to the new PV system, climate-friendly electricity can also be used when the sun is not shining. In April 2024, RWE and BVB installed a new PV system comprising around 200 solar modules on the roof of the BVB Fan World building, located next to the stadium. In summer 2024, RWE and Borussia Dortmund agreed to enter into a six-year partnership. As a 'premium and sustainability partner', RWE will support the renowned club in its ambitious decarbonisation plans.

Markus Krebber, CEO of RWE AG: "We are proud to have set a new record with BVB, one of Germany's most internationally renowned football clubs. Together, we have installed the world's most powerful solar system on the roof of Germany's largest stadium. This is a powerful statement in favour of efficient climate protection, and is the result of the work of two teams that are perfectly aligned in their commitment to sustainability."

Hans-Joachim Watzke, Chairman of the Management Board BVB: "SIGNAL IDUNA PARK symbolizes our integrated efforts to ensure Borussia Dortmund's future viability. We are delighted that our iconic home can now be associated with a record-breaking flagship project for climate protection."

Carsten Cramer, Managing Director BVB: “Together with RWE, we have achieved a real milestone in our sustainability partnership – with targeted regional impact and global appeal. This project is a key component of our decarbonization strategy and is the ideal contribution to our commitment and our goal of working with our partners to continuously improve and take on more responsibility.”

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Images for media purposes (credit: BVB) are available in the [media library](#)

Suggested caption: From left to right: Lars Ricken (Managing Director Borussia Dortmund), Dr Markus Krebber (CEO of RWE AG), Ulf Kerstin (CCO of RWE Supply & Trading) and Carsten Cramer (Managing Director Borussia Dortmund) in front of the world's largest PV system on a stadium roof.

Further project information can be found at: www.rwe.com/bvb

RWE

RWE is leading the way to a modern energy world. With its investment and growth strategy, RWE is contributing significantly to the success of the energy transition and the decarbonisation of the energy system. Around 20,000 employees work for the company in almost 30 countries worldwide. RWE is one of the leading companies in the field of renewable energy. RWE is investing billions of euros in expanding its generation portfolio, in particular in offshore and onshore wind, solar energy and batteries. It is perfectly complemented by its global energy trading business. Thanks to its integrated portfolio of renewables, battery storage and flexible generation, as well as its broad project pipeline of possible new builds, RWE is well positioned to address the growing global demand for electricity, particularly driven by further electrification and artificial intelligence. RWE is decarbonising its business in line with the 1.5-degree reduction pathway and will phase out coal by 2030. RWE will be net zero by 2040. Fully in line with the company's purpose - Our energy for a sustainable life.

Forward-looking statements

This press release contains forward-looking statements. These statements reflect the current views, expectations and assumptions of management, and are based on information currently available to management. Forward-looking statements do not guarantee the occurrence of future results and developments and are subject to known and unknown risks and uncertainties. Actual future results and developments may deviate materially from the expectations and assumptions expressed in this document due to various factors. These factors primarily include changes in the general economic and competitive environment. Furthermore, developments on financial markets and changes in currency exchange rates as well as changes in national and international laws, in particular in respect of fiscal regulation, and other factors influence the company's future results and developments. Neither the company nor any of its affiliates undertakes to update the statements contained in this press release.

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