

VDE Renewables tests and certifies solar plant of SC Freiburg

- **2.4-megawatt system is considered one of the world's largest solar roofs on a soccer stadium**
- **VDE certificate officially handed over at match against Borussia Mönchengladbach**
- **Stadium with pioneering energy concept - annual electricity consumption can be covered in a climate-neutral manner**

(Frankfurt a. M., 06.11.2023) 6,200 solar modules, 15,000 square meters of surface area, 2.3 million kilowatt hours of electricity per year: SC Freiburg's solar installation is one of the largest on a stadium roof in the world. With the photovoltaic system, SC Freiburg can cover its own annual electricity consumption in a mathematically climate-neutral way. VDE Renewables has inspected the system and awarded it the VDE seal of quality. The certificate was officially presented at the Bundesliga match against Borussia Mönchengladbach. The project with a peak output of 2,387 kilowatt peak (kWp) was realized by badenovaWÄRMEPLUS, a subsidiary of the regional energy company badenova. VDE Renewables Managing Director Burkhard Holder: "Stadium roofs are perfect for solar plants. There are large areas and no shade. Our certificate confirms that SC Freiburg and Badenova have not compromised on quality and execution."

Quality and performance independently verified and certified

The VDE Renewables experts have examined, for example, whether the plant has been optimally planned and constructed, how reliably it operates, and whether the modules also deliver the promised output. This guarantees that a large solar power plant like the one on the roof of a soccer stadium will also be operated successfully in economic terms and that the investment will pay off in the end. The solar modules come from the Swiss company Meyer Burger - also a customer of VDE Renewables - and were manufactured entirely in Germany. The stadium's energy concept is groundbreaking and shows how climate protection can also

succeed in professional soccer.

About VDE Renewables

VDE Renewables, a subsidiary of the VDE Group, offers quality assurance services for the global renewable energy sector. Based in Alzenau, Germany, the company's services include quality testing and certification according to the highest safety, reliability, and performance standards, as well as independent engineering and technical due diligence.

VDE Renewables works closely with all structures of the VDE Group and its internationally renowned network, which include the leading research and development bodies such as the Fraunhofer Institutes and insurance firms such as Allianz and Munich Re. Together with its partners, VDE Renewables supports its customers with their specific requirements, such as gaining access to new markets, differentiating themselves from their competitors or enabling them to receive more attractive insurance or financing conditions.

For more information, visit www.vde.com/renewables

About VDE:

VDE, one of the largest technology organizations in Europe, has been regarded as a synonym for innovation and technological progress for more than 130 years. VDE is the only organization in the world that combines science, standardization, testing, certification, and application consulting under one umbrella. The VDE mark has been synonymous with the highest safety standards and consumer protection for more than 100 years.

Our passion is the advancement of technology, the next generation of engineers and technologists, and lifelong learning and career development "on the job". Within the VDE network more than 2,000 employees at over 60 locations worldwide, more than 100,000 honorary experts, and around 1,500 companies are dedicated to ensuring a future worth living: networked, digital, electrical. Shaping the e-dialistic future.

The VDE (VDE Association for Electrical, Electronic & Information Technologies) is headquartered in Frankfurt am Main. For more information, visit www.vde.com

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