

Press release

Pembroke Power Station celebrates 10,000th CCGT start underscoring the vital role of flexible gas generation

Pembroke, 25 February 2026

RWE's Pembroke Power Station has achieved a major operational milestone, recording its 10,000th start of its combined cycle gas turbine (CCGT) engines. This achievement reflects the station's commitment to reliability and responsiveness in a rapidly evolving energy market, where flexibility and adaptability are essential to supporting the UK's transition to cleaner power.

Since it opened in 2011, Pembroke has continually adapted its operations to meet the changing demands of Britain's electricity system. Originally designed for near continuous operation, the station now operates all five units across multi-shift patterns, responding to fluctuations in renewable output and helping to balance supply and demand.

Through continuous improvement efforts, the team has reduced start-up times from 70 minutes to just 41 minutes, significantly enhancing operational flexibility. All five units have completed multiple major maintenance cycles, demonstrating outstanding reliability and resilience throughout their lifecycle — including during the Covid-19 pandemic.

Gas-fired generation remains a critical source of “firm, flexible” capacity as the UK grid integrates increasing levels of wind and solar generation. While renewable sources will supply the bulk of electricity in a decarbonised system, gas plants like Pembroke will continue to provide essential stability and backup, stepping in when renewable output is low or the system requires rapid response.

Roland Long, RWE Pembroke Power Station Manager: “Reaching 10,000 unit starts is a proud moment for everyone at Pembroke. It highlights not just our operational capability but the vital contribution that flexible gas generation makes to the UK's energy system. As the grid becomes increasingly driven by renewables, our ability to start quickly and run when needed ensures security of supply and reinforces Pembroke's role as a dependable partner in the



nation's energy transition.”

Pembroke's achievement reinforces the ongoing importance of flexible gas capacity in complementing renewable energy, ensuring that homes and businesses across the UK continue to have access to secure, reliable electricity. Read more about the role of gas in the energy system [here](#) and [RWE's gas fleet](#).

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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.

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