Press release

RWE launches pre-application consultation for RWE Pembroke Battery

- **Scheme would comprise 212 batteries and 106 Power Conversion Systems and will connect to the National Grid 400kv substation**
- **The battery would have a maximum charge / discharge power of 350MW, providing enough electricity to supply the average daily needs of more than 72,000 typical UK homes[1]**
- **A key project as part of RWE's decarbonisation hub Pembroke Net Zero Centre**

Pembroke, 17 June 2024

To support their decarbonisation ambitions as part of Pembroke Net Zero Centre, RWE is progressing proposals to develop a battery energy storage system on its land adjacent to Pembroke Power Station.

Battery energy storage plays a crucial role in the integration of renewable energy sources, such as solar and wind, into the power grid, excess renewable energy can be stored and fed into the grid when needed. Electricity is consumed in real time and this technology will, where possible, enable homes and businesses to be powered by renewable energy.

The consultation on RWE's plans launches **Monday 17 June 2024** and will end on **Monday 15 July 2024**. RWE is asking the community for their views on these plans and has launched a consultation where local people can provide feedback on the planning application.

The proposed development would be located on a 5.1 hectare area to the south of the current power station and would comprise 212 Battery Containers, 106 Power Conversion Systems (PCS) enabling connectivity to the grid, and associated infrastructure.

The battery would have a maximum charge / discharge power of 350 megawatts and would connect via underground cables to the grid at the adjacent National Grid 400 kV substation. Once fully operational, Pembroke Battery would be capable of storing enough electricity to meet the average daily domestic energy needs of more than 72,000[1] typical UK homes.

In line with RWE's commitment to protect and enhance local environments, the company has pledged to deliver various biodiversity measures as part of the proposals. Field margins will be

RWE Generation SE | Corporate Communications & Public Affairs | RWE Platz 3 | 45141 Essen | Germany
T +49 201 5179-5008 | communications@rwe.com | www.rwe.com/press

enhanced by species-rich meadow planting, native woodland and scrub planting, while a new large pond will be provided and managed to support local wildlife. The periphery of the development site will also be further enhanced with bat and bird boxes, insect hotels and reptile hibernation shelters around the field edges. A Habitat Management Plan will ensure the habitats created are managed sensitively in support of local wildlife for the lifetime of the project.

Commenting on the proposals, **Richard Little, Pembroke Net Zero Centre Director**, said: "RWE Pembroke Battery represents the next step in our plans to invest in new innovative energy technologies, as part of our vision for Pembroke Net Zero Centre. We would like to thank those who engaged with us in our Green Hydrogen consultation and encourage the community to get involved with the consultation process, learn more about our battery energy storage proposals, and have their say on the proposals."

Members of the community can contact the project team and leave feedback via the project website www.rwe.pembrokenetzerocentre.co.uk/battery telephone **01646 370090**, email rwebattery@pembrokenetzerocentre.co.uk or by writing to **'Freepost PNZC Consultation'**.

Local people can also join RWE at an in-person event at **South Pembrokeshire Golf Club** on 24th June 2024 between 2pm and 7pm to speak with project team members, ask questions and provide feedback.

Pembroke Net Zero Centre has a critical role to play in Wales' and the UK's pathway to Net Zero. By decarbonising its current operations at Pembroke Power Station, while investing in new innovative technologies, such as battery energy storage and hydrogen generation, RWE can establish Pembroke at the forefront of South Wales' low carbon future.

For further enquiries:

Kelly Nye
Media Relations
RWE Generation
T +44 7795354552
E kelly.nye@rwe.com

[1] *Calculation based on expected operational profile and 2021 average (mean) annual domestic consumption of 3,509 kWh, from Department of Energy Security and Net Zero ("Subnational Electricity and Gas Consumption Statistics Regional and Local Authority, Great Britain, 2021, Mean domestic electricity consumption (kWh per meter) by country/region, Great Britain, 2021")*

RWE

RWE is leading the way to a green energy world. With its investment and growth strategy Growing Green, 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 already one of the leading companies in the field of renewable energy. Between 2024 and 2030, RWE will invest 55 billion euros worldwide in offshore and onshore wind, solar energy, batteries, flexible generation, and hydrogen projects. By the end of the decade, the company's green portfolio will grow to more than 65 gigawatts of generation capacity, which will be perfectly complemented by global energy trading. 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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