



**RWE**



# **RWE in Scotland**

**Investing in a green future**

## RWE in Scotland

Scotland has always been a natural partner for RWE and renewable energy generation. The physical landscape and strong government commitment to renewables has enabled us to spend the last 27 years driving innovation, building strong local relationships and delivering shared economic success as we contribute to the growth of clean, sustainable, renewable energy generation.

RWE is one of the UK's largest renewable generators in the UK, with a diverse operational portfolio of renewables including onshore wind, offshore wind, hydro and biomass amounting to over 2.7 GW. As a world leader in renewable energy dedicated to achieving net zero carbon emissions by 2040, RWE is driving the energy transition and expects to invest up to £15 billion in new and existing clean energy infrastructure across the UK by 2030, with Scotland a key location for future investment.

# 480 MW

RWE is involved in over 480 MW of renewable energy schemes in Scotland including Scotland's first commercial-scale offshore wind farm Robin Rigg in the Solway Firth, operational since 2010.

## Trailblazing renewables in Scotland

RWE has been a trailblazer of wind power with Scotland at the forefront of our business. Our first onshore wind farm in Scotland, Novar Wind Farm in Ross-shire, has been operational since 1997. We went on to construct and operate Scotland's first offshore wind farm, Robin Rigg (174 MW), in the Solway Firth, operational since 2010. Our Markinch Biomass Combined Heat & Power Plant provides heat to the innovative and award winning Glenrothes District Heat Network and our 15 hydropower plants generate electricity quietly and unobtrusively throughout Scotland.

Our partnership with Scotland has strengthened over nearly 30 years, during which time we have invested in two Scottish offices, employing experienced technical staff and supporting the Scottish supply chain, while working with stakeholders to support the Scottish Government in achieving their ambitious net zero targets.



## Operational



**Onshore** – RWE operates ten onshore wind farms with a capacity of almost 225 MW and has previously been instrumental in the development, construction and operation of many more of Scotland's onshore wind farms.



**Hydro** – RWE has a long and proud history of developing, constructing and operating hydropower plants across Scotland. We currently have 15 hydropower schemes producing around 32 MW of sustainable green power.



**Offshore** – RWE developed, constructed and operates Scotland's first commercial offshore wind farm – Robin Rigg in the Solway Firth (174 MW).



**Biomass** – RWE's Markinch Biomass Combined Heat & Power Plant (55 MW) has been operational since 2015; generating electricity to the grid and providing heat to the innovative and award winning Glenrothes District Heat Network.

## Development



**Onshore wind in Scotland**  
We plan to continue expanding our renewables portfolio in Scotland, with 16 prospective projects currently in the pipeline totalling over 1.3 GW. This consists of a range of projects at different stages of development from early scoping stage through to projects that have received planning consent.

We welcome the involvement of communities in our onshore wind projects through shared ownership where local communities and/or councils can partner with us to deliver projects and ensure a greater proportion of the revenues are retained locally. We are working in partnership with Abundance, a specialist investment company, regulated by the FCA and experienced working with communities and renewable energy projects.



### Leading the offshore wind sector by example

Taking into account our projects already in operation, construction and planning, we have one of the largest offshore wind portfolios in the UK and are a key partner in helping the achieve the 50 GW by 2030 offshore target.

We have six project currently in development across the UK, alongside our 1.4GW Sofia project at Dogger Bank in the North Sea currently under construction.

The commissioning of RWE's 857 MW Triton Knoll offshore project in 2022 contributed to the UK reaching the major milestone of 25 GW total installed wind capacity.



On the west coast of Scotland, RWE installed and maintains a series of rafts for diver bird species at An Suidhe Wind Farm, which provide increased nesting sites for these protected bird species.



For further information visit:  
<https://uk-ireland.rwe.com/-/media/RWE/RWE-UK/downloads/biodiversity-reports/scotland-biodiversity-report.pdf>



### Investing in Scotland

Using and building Scottish supply chains has always been important to RWE across all technologies. For example, when constructing our Bad á Cheò onshore wind farm in Caithness, £7 million was spent on civil works. Approximately 47% of this total was spent within 30 kilometres of the site and the remaining 53% spent in the rest of the UK.

Further, RWE procured over £61 million value of goods and services during the construction of our Gwynt y Môr offshore wind farm in Wales from Scottish companies.



### Hydrogen

RWE is exploring the possibility of producing green hydrogen from our energy projects for use in homes and businesses across a number of Scottish communities. Our recent Memorandum of Understanding with SGN, Scotland's gas distribution company, includes work to look at the provision of hydrogen to off-gas grid towns across Scotland, including Campbeltown, Stornoway, Oban, Thurso and Wick.

The agreement also includes a feasibility study into a 100-megawatt (MW) electrolyser at RWE's Markinch CHP biomass plant. This could produce green hydrogen from local and grid connected renewable energy, to connect into SGN's gas network in Fife.



### RWE Community Funding in Scotland

Over the years, projects operated by RWE Renewables have contributed over £5 million to neighbouring communities from the funds associated with our renewable energy sites in Scotland. The renewables projects that we currently operate will contribute £15.2 million into Scottish community benefit funds over their operational lifetime. Decisions about funding allocation are made by local people, who know their own communities best.



### Protecting habitats in Scotland

Our projects have a wide range of positive impacts on the natural environment, as well as meeting the Scottish Government's wider net-zero goals. RWE's projects in Scotland have supported a range of habitat management and wider environmental enhancements, for example peatland restoration at our 13-turbine Bad á Cheò Wind Farm in Caithness where, working closely with the Scottish Environment Protection Agency and Scottish Natural Heritage, 39 hectares of degraded peatland were successfully restored. Similar activity took place to restore 53 hectares of peatland at Glen Kyllachy, a 20 turbine site built by RWE south of Inverness, following techniques in line with those of NatureScot's Peatland Action Program.

# £15.2 million

This funding is helping to improve quality of life for Scottish residents, many in isolated rural communities, in a wide variety of ways. These include supporting the improvement of community buildings, the provision of education and training grants, the funding of projects which enhance opportunities for tourism, business development and promoting opportunities for young people.



For further information visit:  
<https://uk-ireland.rwe.com/in-your-community/community-funding-in-action>



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