

A photograph of Paul Spence, a man with dark hair and glasses, wearing a white hard hat with the EDF logo, safety glasses, a high-visibility orange jacket with reflective silver stripes, and a blue lanyard. He is holding a black handheld device. The background is white with several large, overlapping orange and yellow geometric shapes behind him.

Innovation in nuclear energy

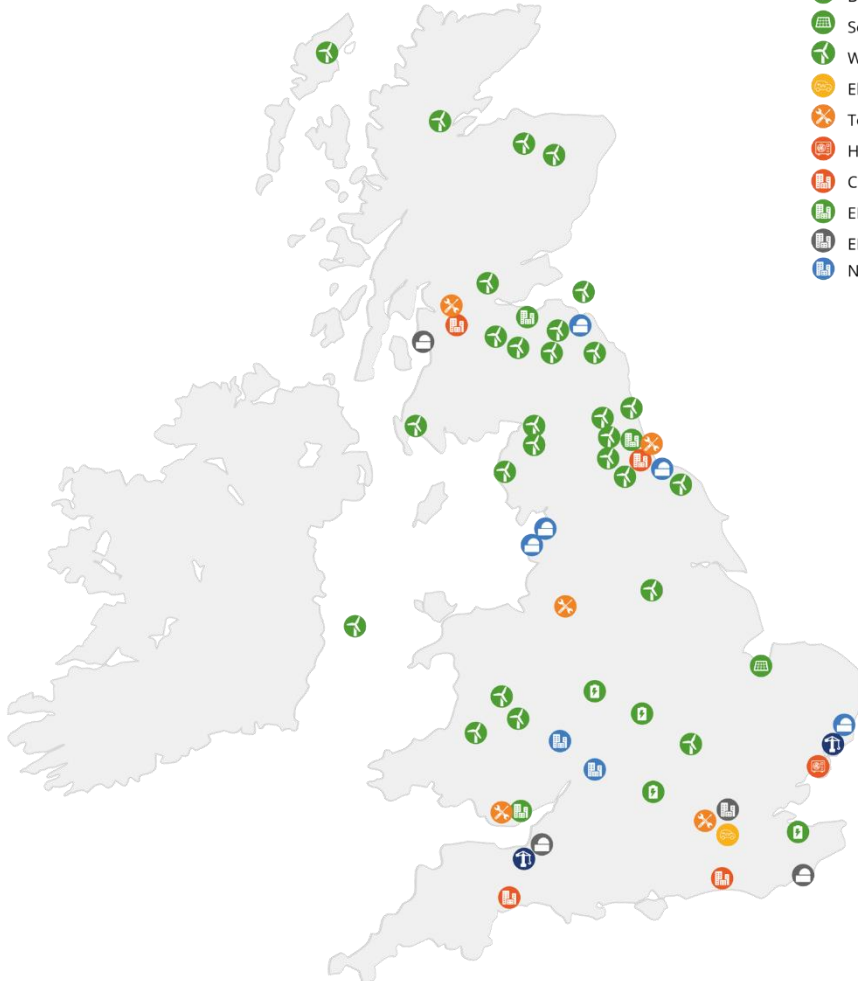
Paul Spence, Director of Strategy & Corporate Affairs, EDF

EDF in the UK is “Helping Britain Achieve Net Zero”



Our activities

- Existing nuclear power stations
- Existing nuclear power stations in defuelling
- New nuclear projects
- Battery storage
- Solar
- Windfarms
- Electric mobility/Pod Point
- Technical service
- Heat pump centre
- Customer centres
- EDF Renewables offices
- EDF Headquarters
- Nuclear engineering centres



BRITAIN'S BIGGEST ZERO CARBON ELECTRICITY GENERATOR OPERATING A FLEET OF WIND, NUCLEAR, SOLAR AND STORAGE ASSETS

- Operates UK nuclear power stations: 1 x operational pressurised water reactor (PWR) power station, 4 x operational advance gas-cooled reactor (AGR) power stations, and 3 x AGR power stations in the defueling phase. Generated 43.6TWh in 2022.
- EDF Renewables operates and develops new renewable generation and storage projects in the UK and Ireland, with c1.5 GW operational and almost 5GW in planning and development.

A UK LEADER HELPING CUSTOMERS DECARBONISE

- No.1 electricity supplier to businesses by volume.
- Supplies gas and electricity to around 5.5 million domestic accounts (5th largest supplier).
- Developing solutions to help British households, businesses and the public sector to achieve Net Zero - incl. in corporate power purchase agreements (CPPAs) and onsite photovoltaic (PV), electric mobility (through charging company Pod Point), low-carbon heating, flexibility services, metering and data services.
- Through Dalkia, a provider of engineering and technical services to business and public sector clients.

UK'S NUMBER 1 NEW NUCLEAR DEVELOPER

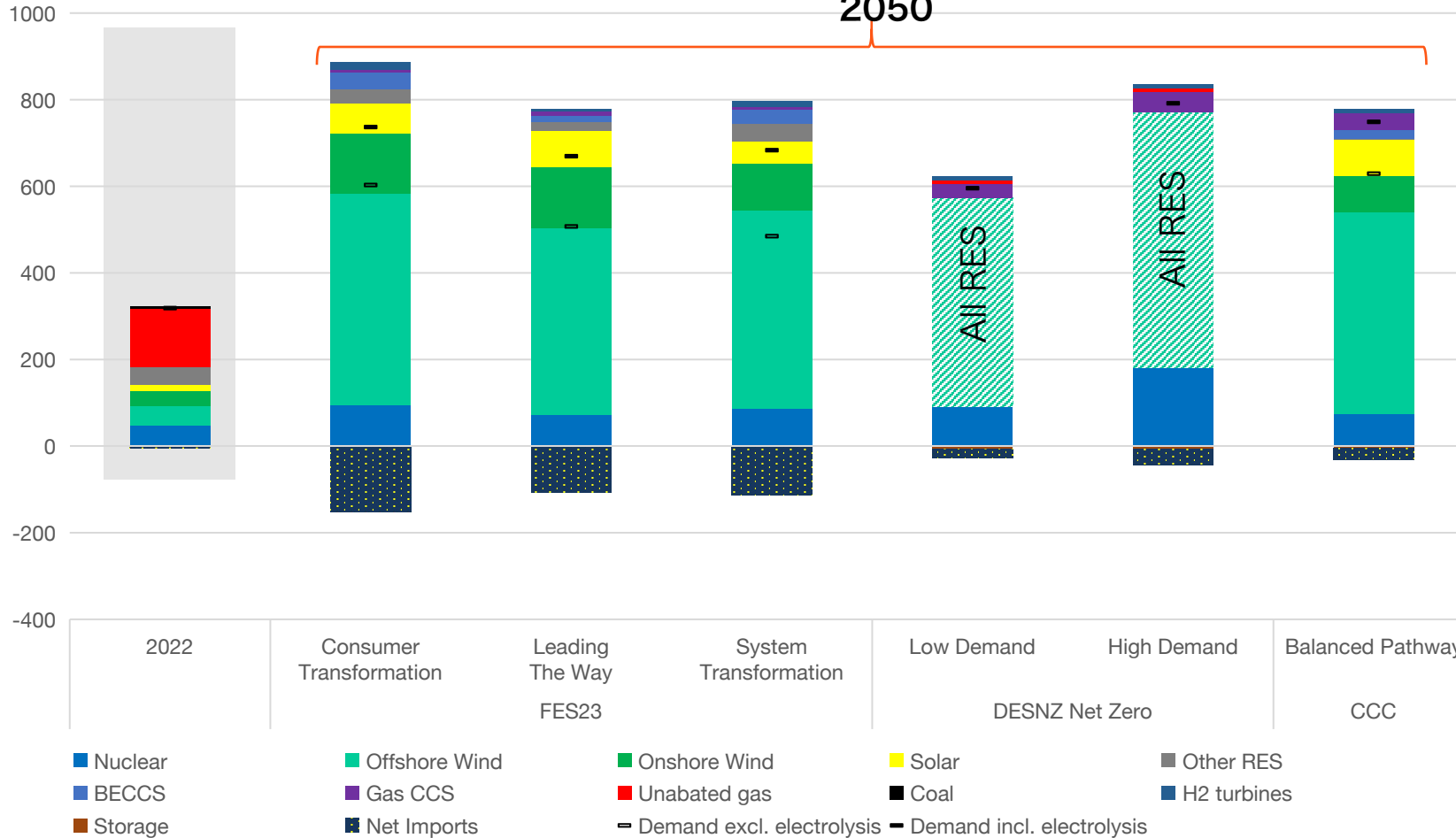
- Constructing 2 European pressurised water reactor (EPR) units at **Hinkley Point C** (3.2GW); planning further EPR units at Sizewell C. With potential to contribute to wider UK nuclear programme.
- Leader in nuclear skills development.

The UK's future energy system



Generation and demand in Net Zero scenarios, TWh

2050



There is agreement that electricity demand will grow although **the generation mix required to meet net zero is uncertain.**

Source: EDF analysis, ESO, DESNZ, CCC

EDF is leading the UK's nuclear renaissance



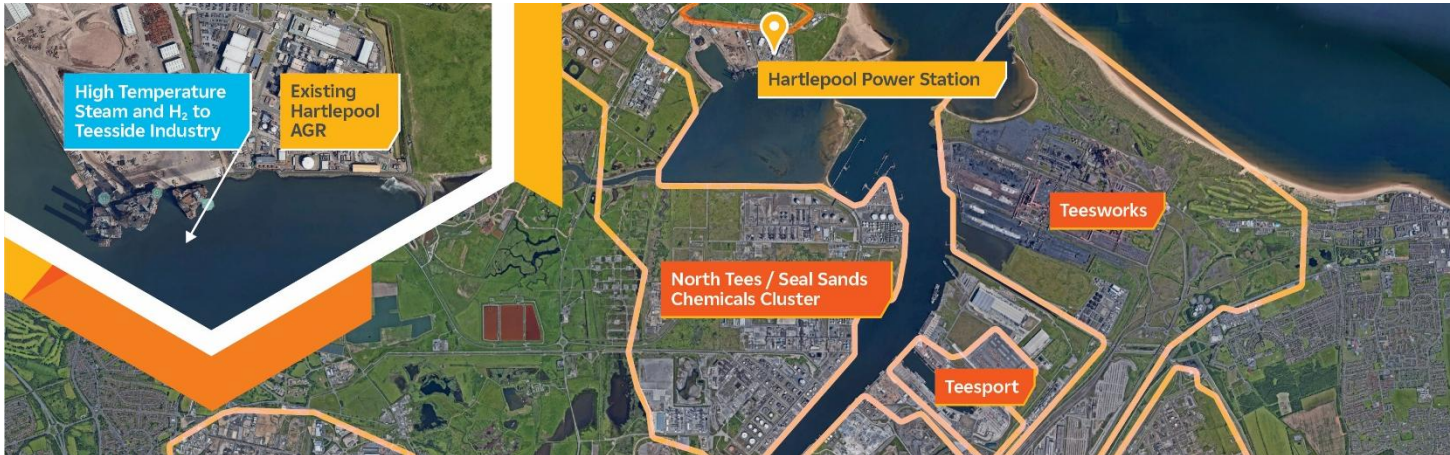
Hinkley Point C



Sizewell C



Hartlepool AMR



Bay Hydrogen Hub



The future starts with people



Thank

You