

Press release

The world's largest offshore wind farm 10 years on

- **London Array was the world's largest offshore wind farm when commissioned in 2013**
- **Pioneered the way for UK to build offshore wind farms on a much larger scale**
- **In 2021, electricity from London Array powered all the TVs in the UK 1.45 times over**

Swindon, 21. November 2023

London Array is celebrating its tenth year in operation and in 2013 it was the world's largest offshore wind farm. Located 20km off the north Kent coast in the Outer Thames Estuary, RWE-operated London Array has a 630MW capacity and its 175 Siemens 3.6MW turbines generate enough clean electricity to power around 500,000 British homes, while displacing around 900,000 tonnes of CO2 a year. It is maintained and operated from the Port of Ramsgate.

Planning consent was given in 2006, with the onshore elements being approved in 2007. Construction began in July 2009, was completed in December 2012 and the project was fully commissioned and inaugurated by then UK Prime Minister, David Cameron, in late 2013.

Whilst no longer the world's largest wind farm, it's success has been phenomenal in terms of power output and the economic, social and environmental impacts the wind farm has brought to coastal communities in Kent.

Production

- Total production to date (to end of October 2023) is **22,743,640 MWh** (or 22.7 TWh)
- Best ever production month was December 2015 (364,512 MWh)
- In 2020, output from London Array was 25.9GWh equaling 2.4% of all UK domestic electricity consumption
- In 2021, output from London Array powered over 25% of the total UK lighting and powered all the UK TVs 1.45 times over¹

Supply chain / jobs

- At a cost of €2.2bn to build, total spend on supply chain was significant with over 75 companies being engaged in the construction process, with local Kent suppliers used where possible
- Around 6,700 individual jobs were created during the construction process
- Currently around 73 employees and a similar number of contractors have jobs at the operations and maintenance base in Ramsgate

¹ Source: <https://www.gov.uk/government/statistics/energy-consumption-in-the-uk-2022>

RWE

Community benefits

- During construction a £300,000 community fund was made available to support local groups and organisations and to support the education and training of local young people
- Since 2013, around £500,000 has been made available in the form of community benefit funding, and, in addition, the wind farm sponsors a number of local events and organisations. These have included Kent Coastal Week, the annual sailing regatta in Ramsgate Week, Thanet Community Awards, Pilgrims Hospices and Thanet Wanderers RUFC

Skills/Education

Recognising the importance of inspiring and teaching the next generation about renewable energy, staff are regularly involved in visiting local schools to discuss students' career options, hosting stands at careers days, and supporting local events such as National Science and Engineering week.

Richard Crowhurst, RWE UK Offshore Operations Manager South: "The success of London Array has demonstrated that large scale offshore wind projects not only have a significant role to play in securing the UK's energy supplies while also meeting contributing to Government renewable energy targets. But also in making a meaningful contribution to the local community it operates in with our team at site living and working locally."

RWE has more than two decades' experience in offshore wind in the UK, having developed and built the country's first commercial-scale offshore wind farm at North Hoyle. London Array is one of 10 offshore wind farms across the UK, RWE owns with its partners and is currently building the 1.4 gigawatts (GW) Sofia offshore wind farm, off the east coast. RWE has a strong future pipeline in the UK and is involved in four of the UK's seven offshore wind extension projects, plus two Round 4 Dogger Bank South projects.

London Array Offshore Wind Farm is operated by RWE on behalf of [project partners](#).

For further enquiries:

Kelly Nye
Media Relations
RWE Renewables Offshore GmbH
M +44 7795354552
E kelly.nye@rwe.com

RWE

RWE is leading the way to a green energy world. With an extensive investment and growth strategy, the company will expand its powerful, green generation capacity to 50 gigawatts internationally by 2030. RWE is investing more than €50 billion gross for this purpose in this decade. The portfolio is based on offshore and onshore wind, solar, hydrogen, batteries, biomass and gas. RWE Supply & Trading provides tailored energy solutions for large customers. RWE has locations in the attractive markets of Europe, North America and the Asia-Pacific region. The company is responsibly phasing out nuclear energy and coal. Government-mandated phaseout roadmaps have been defined for both of these energy sources. RWE employs around 19,000 people worldwide and has a clear target: to get to net zero by 2040. On its way there, the company has set itself ambitious targets for all

RWE Renewables Offshore GmbH | Group Corporate Communications & Public Affairs | RWE Platz 4 | 45141 Essen | Germany
T +49 201 5179-5008 | communications@rwe.com | www.rwe.com/press



activities that cause greenhouse gas emissions. The Science Based Targets initiative has confirmed that these emission reduction targets are in line with the Paris Agreement. Very much in the spirit of the company's purpose: Our energy for a sustainable life.

UK General Data Protection Regulation (GDPR)

The personal data processed in connection with the press releases will be processed in compliance with the legal data protection requirements. If you are not interested in continuing to receive the press release, please inform us at communications@rwe.com. Your data will then be deleted and you will not receive any further press releases from us in this regard. If you have any questions about our data protection policy or the exercise of your rights under the GDPR, please contact ukdataprotectionrwe@rwe.com.