

December 2021

TRITON KNOLL OFFSHORE WIND FARM COMMUNITY NEWSLETTER

I would like to welcome you to our latest community newsletter and hope you are all keeping safe and well.

It has been an extremely busy year for the project in 2021 with lots of key milestones already achieved. Onshore and offshore construction has continued safely throughout the Coronavirus pandemic, and I am pleased to say that works are currently completing to programme and we are nearing the final stretch of construction for Triton Knoll Offshore Wind Farm.

As you will read in this newsletter, we have made significant progress onshore, and I am delighted to confirm that we have now completed all of the major onshore electrical system construction works associated with the offshore wind farm. I would like to take this opportunity to personally thank the local communities and landowners for their understanding and cooperation while we completed this landmark renewable energy infrastructure project for the UK. You can read further information on the completion of our onshore works on pages two and three.

We have also made excellent progress offshore with turbine installation commencing in January 2021 and the successful installation of our final turbine in September 2021. A major project milestone

was announced on 1st March 2021 when Triton Knoll Offshore Wind Farm successfully generated renewable energy for the first time. This was a huge achievement for the project team and was the result of many years of hard work from our dedicated and passionate team.

First generation followed the successful energisation of the project's transmission system including the offshore substation platforms, offshore export cable, onshore cables and onshore substation. To find out more information on our offshore works, please see pages six and seven.

We are now in the final phase of the offshore wind farm works; commissioning the wind turbines and delivering clean, green electricity to over 800,000 households in the UK⁽¹⁾.

I hope you enjoy our latest newsletter and please do not hesitate to contact the team should you require any further information.



Julian Garnsey,
Project Director

RWE

⁽¹⁾ Energy Generation

It is estimated that the average annual generation expected at the site could be equivalent to the approximate domestic needs of an expected minimum of 800,000 average UK households. Energy predicted to be generated by the proposal is derived using wind speeds monitored in the local area and correlated with long-term reference data. The energy capture predicted, and hence derived homes equivalent figure may change as further data is gathered. Equivalent homes supplied is based on an annual electricity consumption per home of 4100 kWh. This figure is supported by recent domestic electricity consumption data available from The Digest of UK Energy Statistics and household figures from the UK National Statistics Authority.



ONSHORE CONSTRUCTION SUCCESSFULLY COMPLETED

All construction works relating to the onshore substation and onshore cable route are now complete.

Onshore construction formally commenced in September 2018 and involved laying 57km of 220kV underground cable from the landfall location near Anderby Creek to the newly constructed onshore substation near Bicker Fen. A further 1.8km of 400kV cabling has also been laid to allow connection into the UK national grid at the existing National Grid Bicker Fen Substation.

In delivering the onshore construction works, we aimed to boost the local economy wherever possible. All project resource, engineering, civils and reinstatement contracts were sourced in the UK and many were local to the East Coast region. Triton Knoll sponsored local careers fairs and 'meet the buyer' events to ensure that local businesses were aware of the contract opportunities available. At its peak, over 300 people were employed working on the onshore construction works using local services such as hotels, cafes, supermarkets and transport.

The team has also been proactively involved in the community throughout the onshore construction phase. During the onshore works, Triton Knoll made £500,000 of funding available through the Triton Knoll Community

Fund, which has already benefited 57 local community projects. Now the offshore wind farm is generating electricity, a further £40,000 of new funding is available annually for projects located near the landfall at Anderby Creek and the Onshore Substation at Bicker Fen. You can find out more information on the Annual Fund later in this newsletter.

ONSHORE SUBSTATION

The Triton Knoll Onshore Substation has been successfully commissioned and energised.

Lincoln based firm, Dobson UK, has been awarded the contract to provide landscaping works at the substation. The landscaping scheme involves planting thousands of trees, seeding areas with wildflower grassland and managing the ditches around the site for the benefit of wildlife, in particular water vole. Once planted and grown, the landscaping scheme will provide screening around the substation site for the local community. The landscaping site works have now commenced and are due to complete in January 2022.

Following the completion of construction works, remedial works have also taken place on Double Twelves Drove. The road was used during the construction of the onshore substation following the reinstatement of the 400kV access route and now has a better surface than prior to works commencing.

Now that the substation construction works are largely complete, we are pleased to launch our virtual Triton Knoll Onshore Substation Tour video. The video takes viewers on a tour of the onshore substation, introducing the key components and detailing their purpose in transporting electricity but also ensuring that we can properly operate the offshore wind turbines.

You can view the video on the project website, <https://www.tritonknoll.co.uk/triton-knoll-onshore-substation-tour/>



A recent aerial photograph taken at the Landfall site following reinstatement

ONSHORE CABLE ROUTE

Reinstatement of the 57km onshore cable route and landfall has also now reached completion and, in most areas, you can't see any evidence construction works took place!

The Triton Knoll onshore cable route was a record-breaking project. Firstly, the route is the longest electrical cable route of any offshore wind farm in Europe. Secondly, the works involved the completion of Horizontal Directional Drills (HDDs) at 146 separate locations, resulting in 774 individual drills, and this is the most ever undertaken on a UK infrastructure project. In total, we avoided more than 300 obstacles (roads, rivers, railway tracks etc.) as a result of using the HDD technique which dramatically reduced the impact of construction works on the local community.

Ongoing landscaping and hedgerow maintenance at locations along the onshore cable route will be managed by Dobson UK as part of the wider Landscaping and Maintenance contract.

CONSTRUCTION DURING A PANDEMIC

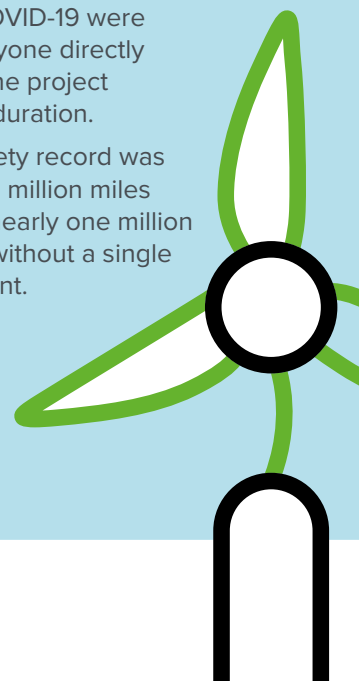
At the beginning of the pandemic, many construction firms simply ceased operations. However, the Triton Knoll Offshore Wind Farm was considered a project of national significance and the UK Government urged companies to continue with their operations. Triton Knoll worked with J Murphy and Sons (JMS) to ensure the onshore cable route works continued with minimum risk to workers or the wider community.

Following an assessment of all the activities involved in the project, JMS and Triton Knoll created an enhanced set of health and safety practices tailored to each individual situation.

Where workers did need to operate in groups, JMS came up with the idea of pods. Up to four people would lodge, eat, travel and work together and, for social distancing purposes, be treated as one person. Deliveries of construction materials were made to separate compounds – which were then only accessed by one team.

Further measures were introduced to mitigate the risk of workers operating in enclosed spaces, and to minimise interaction with the wider community. The project was an unqualified success – both from a safety point of view and in terms of the successful completion of the task:

- No cases of COVID-19 were reported by anyone directly involved with the project throughout its duration.
- The overall safety record was excellent: three million miles travelled, and nearly one million hours worked without a single lost-time incident.



TRITON KNOLL COMMUNITY FUND



Eight community projects share first round of awards from Triton Knoll Annual Community Fund

The Triton Knoll Annual Community Fund will invest £40,000 each year the wind farm is operational into community projects located within 3km of the landfall location near Anderby Creek and 5km of the onshore substation near Bicker Fen. The Annual Fund is administered by the Lincolnshire Community Foundation and is intended to support projects that improve the quality of life for local people, promote community spirit and contribute to vibrant, healthy and sustainable communities. As with the Construction Fund, funding decisions are made by a panel made up of local representatives who know their local area best.

There are vacancies on the decision-making panel, especially for people based in the Anderby Creek area. If you are passionate about your community and would like to get involved in making sure this fund reaches the projects that need it most, please contact Katie Littlewood by calling 01529 305825 or by emailing katie@lincolnshirecf.co.uk

The annual fund is currently closed but will open again for applications in 2022.

We are pleased to confirm the eight community projects which successfully applied for grants in the first funding round below:

○ Anderby Parish Council	£2,280.00
○ LIVES	£1,525.00
○ Bicker Parish Council	£2,500.00
○ 7th Boston (Swineshead) Scouts	£2,500.00
○ Swineshead St Mary's PTFA	£2,633.01
○ Improving Donington Environment for All (IDEA)	£5,000.00
○ Flinders Founders, Donington	£3,585.40
○ Donington Angling Club	£1,580.98

To find out more about the Triton Knoll Annual Community Fund or how to make an application, please visit: www.tritonknoll.co.uk/communityfund/

IMPACT OF FUND WILL BE ENJOYED FOR YEARS TO COME

Both the construction and now the annual fund from Triton Knoll have seen organisations from all over the area successfully apply for funds to improve a range of initiatives and facilities.

Pictured are volunteers at Stickney Community Centre which received a grant of £9,344 from the construction fund to resurface the uneven and potentially dangerous car park. They commented: "It would have taken us years, so the grant from Triton Knoll fast tracked this essential work. When the funding was awarded, you could hear cheers



all through the village." Speaking to recipients of the fund demonstrates how the cash injection has lifted spirits and enriched lives, and how it will continue to have an impact into the future, with one organisation commenting: "Triton Knoll has been an absolute boon to the area."



The Onshore Substation Site Team undertaking a Health and Safety visit.

SUPPORTING **LOCAL** CHARITIES

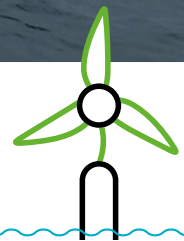
The Onshore Substation site team raised nearly £8,500 for local Boston charities through a scheme that rewards excellence in health and safety working practices.

The Safety Incentive Scheme, run in partnership with Siemens Energy, was implemented to encourage the whole team working at the Onshore Substation site to excel in health, safety and environmental observation, reporting and improvement. A monthly contribution of £1,500 was allocated to the charity pot to reward good health and safety practices and monies raised were then donated to local charities which were nominated and voted for by the site team. The latest round of donations were the third to be processed from the charity pot with previous rounds supporting other local Boston charities.

The charities selected to receive £2,119 each in the final round of donations are all located in the proximity of the Triton Knoll Onshore Substation and are as follows:

- Cruse Bereavement Care – providing support, advice and information to children, young people and adults when someone dies and to enhance society's care of bereaved people
- Lincolnshire Rural Support Network (LRSN) – a volunteer-led organisation that provides pastoral and practical support to farming and rural people during periods of anxiety, stress and problems relating to their families and businesses
- SHINE – an organisation dedicated to relief of sickness and preservation of health of people with mental health problems living in Lincolnshire
- We Are With You in Lincolnshire (Boston) – the local service of a national charity that supports people experiencing issues with drugs, alcohol or mental health

In total, 11 local Boston charities benefitted from donations from the Safety Initiative Scheme with £30,000 in donations being awarded from the project throughout the construction period.



OFFSHORE WORKS

It has been a hugely exciting and productive year for the project offshore and the team has made amazing progress given the significant challenges posed by the Coronavirus pandemic.

Installation of the 90 wind turbines commenced in early January 2021 and we were pleased to confirm the successful installation of the first turbine later that month. The 9.5MW turbines installed at Triton Knoll are amongst the most powerful operating anywhere in the world, and capable of energising a typical UK household for more than 29 hours with just a single turn of the blades. Each turbine has a greater swept area than the London Eye (turbine 187m, London Eye 120m), and measures 187 metres from the base of the tower to the tip of the blades.

Turbine manufacturer, Vestas, placed its Isle of Wight and Fawley blade facilities at the heart of component production. The turbine blades, nacelles and tower sections were prepared for offshore installation at Able Seaton Port on Teesside. As a result of investment

triggered by Triton Knoll, the infrastructure at the port has been developed by Able UK for use as a turbine assembly and installation facility for the first time. The port now includes a 140,000 square metre handling facility with specialist quayside, complete with roads and utilities infrastructure, accommodation and office units for those working on site. The investment means that the port can now be fully utilised as an offshore construction port for future developments, and the port already has further projects lined up following the completion of Triton Knoll construction works.

Triton Knoll passed a major milestone in March 2021 when the wind farm successfully generated electricity for the first time. First generation followed the successful energisation of the project's transmission system including the offshore substation platforms,



Wind turbines installed at Triton Knoll.



offshore export cable, onshore cables and onshore substation. It was fantastic to see Triton Knoll generating clean renewable electricity and delivering to the national grid and, ultimately, into UK homes for the first time.

The 90th – and final – wind turbine was successfully installed at the offshore site on 17th September 2021. This major achievement marked yet another milestone in the project's delivery schedule and was possible due to the hard work and dedication of the project team

and our supply chain partners. Offshore working during Covid has been a logistical challenge and the team has made great sacrifices to ensure that the construction of Triton Knoll has remained on track.

Turbine commissioning works are continuing and the project remains on track to complete turbine commissioning in 2021 and achieve final project completion in 2022.

OPERATIONS AND MAINTENANCE & THE GRIMSBY HUB

The Triton Knoll Operations and Maintenance (O&M) Team has been preparing to take responsibility for the various assets including the offshore wind turbines and the onshore and offshore substations for the past three years. Over 80% of the new O&M team has been recruited from within 40 miles of the base in Grimsby and will provide O&M services to the Triton Knoll Offshore Wind Farm throughout its operational lifespan.

RWE, the majority owner and lead operator of Triton Knoll, has announced investment into a new state-of-the-art O&M facility at ABP's Royal Dock in Grimsby. The 'Grimsby Hub' will expand the existing Triton Knoll O&M base and will be the home for RWE's specialist team for major component exchanges and offshore repairs. As part of the move, Sofia Offshore Wind Farm will also locate its operations and maintenance activities to the new hub in the future.



The Triton Knoll Operations and Maintenance Base at Grimsby.

RWE expects the Grimsby Hub will accommodate around 140 RWE employees, with potentially around 60 new, local jobs created, plus indirect jobs required to support the facilities. The Hub will also enable the company to strengthen its relationship with the region's businesses and local communities, by committing to a longer-term presence in the area.

More information about the Grimsby Hub will be available in due course.

RWE WIND TURBINE TECHNICIAN **SCHEME**

Triton Knoll is celebrating the success of the RWE apprenticeship scheme with four young, local apprentices already completing the three-year training programme and gaining employment with RWE working on the project.

RWE launched its NVQ Level 3 Wind Turbine Technician Apprenticeship Scheme back in 2016 to meet the growing demand for technicians for its expanding offshore wind portfolio and to help young locals start a career in one of the fastest growing sectors in the UK. The scheme has proved successful since its launch with many of the apprentices trained through the programme going on to work on projects like Triton Knoll, or the wider RWE fleet, or within other offshore wind companies in the UK.

The course lasts for three years, with two of those years in college, followed by a full year of hands-on experience while training on site at one of RWE's offshore wind farms. A national apprenticeships hub has been developed by RWE at Coleg Llandrillo in North Wales and this is where the two years of college-based study takes place, fully supported by the business.

In 2020, Triton Knoll recruited four apprentices from the Grimsby area who are now following in the footsteps of the first group of apprentices-turned-technicians. The apprentices have now completed their first year of studies and have even managed to take a trip offshore to Triton Knoll over the summer.

Earlier this year, we were delighted to welcome two new local apprentices to the Triton Knoll O&M team. The new recruits who live in Grimsby and Hull joined on 24th August 2021 and have now commenced their studies towards their own Wind Turbine Technician Apprenticeship.

To give anyone interested in applying for an apprenticeship a better taste of life as an apprentice, our 2020 recruits post a regular blog on the Triton Knoll website to share insights into their studies and what they get up to in their free time. To view their blog posts, please visit: <https://www.tritonknoll.co.uk/apprenticeships/triton-knoll-apprenticeship-blog/>



Triton Knoll Apprentices
Jacob, Billy, Amelia and Molly.

HOW TO KEEP UP TO DATE

Our project website is kept up to date with all our latest news and information. Please feel free to contact the team using the details below.

Please note our change of address

E. info@tritonknoll.co.uk

T. 0800 2545 270

A. Triton Knoll Offshore Wind Farm Ltd
Windmill Hill Business Park, Whitehill Way,
Swindon, Wiltshire, SN5 6PB.

W. www.tritonknoll.co.uk

If you require this newsletter in large print, please request a copy by calling 08002 545270.

Triton Knoll is jointly owned by RWE, J-power and Kansai Electric Power, with RWE managing the construction and long-term operation and maintenance works on behalf of the project partners.