

Hinkley Point B power station

August 2016 monthly report

Introduction

This is our latest monthly report, sharing news with our local community stakeholder groups and local councils. This forms part of our commitment to being an open and transparent business. These reports are also available to all members of the public on www.edfenergy.com website. This newsletter covers **August 2016**.

Safety update

We measure our safety performance against top tier indicators, including nuclear reportable events, environmental events, and staff and contract partner recordable injuries. It is now over nine years since we experienced a nuclear reportable event and over seven years since our last environmental event. It has also been over 1,000 days since the last lost time incident to one of our contract partners.

During August auditors from Lloyds Register Quality Assurance (LRQA) completed their fifth annual LRQA surveillance at Hinkley Point B, and recommended the station's certification continues against the management system standards for quality (ISO 9001:2008), environment (ISO 14001:2004), occupational health and safety (OHSAS 18001:2007) and the publicly available standard for asset management (PAS55-1:2008).

Currently we undertake a weekly test on our emergency site alarms on Wednesdays at 12 noon. From 5 October 2016, we will be changing the time of these routine tests to 11am, to better align some of our other work processes. The day of the tests remains unchanged.

Station generation

Reactor 3 was manually shutdown on 1 August following an issue with a vacuum maintaining unit pump on the turbine. In line with normal operating procedures, post shutdown cooling was quickly established and the reactor was safely shutdown. During the shutdown only two out of our four gas turbines operated. Following investigations and repairs, the other two gas turbines were brought back online and the unit was successfully returned to service on 7 August.

Reactor 4 / turbine 8 operated at nominal full load throughout the month, and has been online since returning to power after its statutory outage on 1 July 2016.

Hinkley Point Fun Run

Staff and contract partners took part in the annual Hinkley Point fun run on 22 August and raised thousands of pounds for charity. Over 60 competitors from across the three Hinkley sites



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(A, B and C) completed the 6.8 mile route to Cannington, and helped maintain the special tradition of the fun run which started back in the late 1970s.

Hinkley C's Artur Osicki was the first male runner home in a time of 39 minutes 52 seconds, ahead of Matthew Bowden from A site in 41 minutes and 28 seconds and Simon Patterson of B site in 43 minutes and 23 seconds. The first female runner to complete the course was Clare Jackson in a time of 52 minutes and 25 seconds, with B site's Dee Lewis in one hour and 19 seconds and C site's Megan Smith in one hour, three minutes and 27 seconds.



Several runners completed the course in fancy dress, with Peter Evans, station director at Hinkley Point B, lasting the distance despite being dressed as a rabbit and towing two unicycling rabbits behind him. His costume was based on the favourite toy of Elliot Stevens, the son of Hinkley Point B worker, Paul Stevens and his wife Donna, who tragically died of Cardiomyopathy in March 2015 and in whose memory Elliot's Touch has been set up. The competitors raised thousands of pounds for good causes and will be shared between local charity Elliot's Touch and Paralympics GB, EDF Energy's official charity partner.

Community News

Paralympics GB athlete drops into visitor centre

Paralympic swimmer and International Para triathlete Lauren Steadman joined the launch of a five day charity event held outside of EDF Energy's Hinkley Point visitor centre in Angel Place during early August.

Staff from EDF Energy, 1610 and Angel Place teamed up to organise a sponsored spin event which involved cycling 130 miles each day – the equivalent of the men's Olympic road cycle race at this year's Olympic Games in Brazil.

The event raised over £800 and will be shared between Paralympics GB, Mind and Tayen's Journey.

During the week, children also took part in sporting challenges at the visitor centre and entered a treasure trail competition.





Charity news

Station Director welcomes new company charity partner to Hinkley Point B

Peter Evans, Hinkley Point B's station director, welcomed representatives from the company's new incoming charity partner, Breast Cancer Now, to the power station on 23 August.

As well as being taken on a tour of the site, the charity representatives met Hinkley Point B employee and breast cancer survivor, Geri Roberts, who spoke movingly and positively about her personal fight with cancer and the importance of research into the disease.

Breast Cancer Now is the UK's largest breast cancer charity, dedicated to funding life-saving research into the disease. The charity was selected by an internal employee vote, with more than 6,000 members of staff across EDF Energy taking part.

Company news

EDF Energy Renewables' contract for 49MW battery storage

EDF Energy Renewables has won a contract from National Grid to provide 49 MW of battery storage at EDF Energy's West Burton Combined Cycle Gas power station in Nottinghamshire. It will form part of a new [200 MW] enhanced frequency response system which will be deployed across the UK to balance the UK grid.

With the strong growth of renewable generation and the closure of large power plants, battery storage technology supports the stability of the national grid network. The technology can be used to respond quickly to fluctuations in the electricity grid. Storage is expected to play an important role as part of a balanced energy system which will include renewables, nuclear and gas.

EDF Energy Renewables CEO Matthieu Hue said, "We are delighted to have been awarded a contract as part of the competitive tender issued by National Grid. The battery storage technology has an important role to play in a diverse energy mix which is moving towards decarbonisation."

Heysham 2 breaks world record

Heysham 2 nuclear power station's unit 8 has claimed a new world record for continuous operation – 895 days. Unit 8 at Heysham 2 surpassed Ontario Power Generation's Pickering 7's 894-day continuous run a record that has lasted for 22 years. John Munro, station director, said: "This is a fantastic achievement and is testament to the professionalism of the team we have here at Heysham 2. This record comes in the station's 28th year of operation which shows what can be done with a skilled team and targeted investment in the plant."

The world class performance at Heysham 2 is one part of the sustained improvement in safety and reliability seen across the UK's nuclear fleet since acquisition by EDF Energy in 2009.

Lakes team building week for new first year apprentices

EDF Energy's latest apprentice recruits met up at a team building week in the Lake District.

The company has taken on 48 apprentices and they will start the four-year training programme at HMS Sultan in Portsmouth in early September.

In late August, the apprentices from across all of EDF Energy's Generation sites, including four from Hinkley Point B (See right) spent a week in the Lakes at an Outward Bound centre where they took on number of challenges from raft building to orienteering. The apprentice scheme sees the first two years spent away at HMS Sultan with the final two years spent on the apprentices' chosen site before they are offered full-time roles. The next round of apprentice recruitment takes place in October and details can be found at:
<https://www.edfenergy.com/careers>



Next local community meeting

The next Site Stakeholder Group meeting will be held on Friday 28 October 2016 from 10am to 1pm at a venue to be confirmed.

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