

# Hinkley Point B power station

## June 2019 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 at [www.edfenergy.com](http://www.edfenergy.com). This newsletter covers

### May 2019.

### Safety and Environment update

We measure our safety performance against top tier indicators. It is now over twelve years since we experienced a nuclear reportable event, over ten years since our last environmental event, over three years since the last lost time incident to an EDF Energy member of staff, and over two years since the last lost time incident to a contract partner. These high levels of safety performance are comparable to some of the best performing nuclear power plants in the world, and we will ensure we maintain this focus and these high standards as we strive towards operational excellence.

During outage related activities on 9 May, a small amount of Carbon Dioxide was observed emanating from small bore (one eighth of an inch) pipework located in quadrant 14 of the reactor 3 gas circulator hall. Due to the number of persons present in the Radiological Controlled Area, a conservative decision was taken to declare a site incident, and a full muster was immediately initiated to account for all persons on site. In line with our standard procedures, fire appliances from Devon and Somerset Fire and Rescue Service and an ambulance attended the site as a precautionary measure. The small amount of Carbon Dioxide was successfully contained in an accompanying bund, and a repair strategy was developed and implemented. A detailed investigation has been carried out into the circumstances surrounding the event. At no time was there any threat to power station workers, members of the public, or the environment.

### Environmental performance award

Hinkley Point B's strong and consistent environmental performance has been recognised throughout EDF Energy, after it was revealed the station was the winner of the Generation Environmental Safety Award. This award is presented to the operational site that has the best performance in terms of environmental key performance indicators (KPI) and progress made with fleet and local improvement plans.

### World Environment Day – Wednesday 5 June

The station celebrated World Environment Day on Wednesday 5 June by organising a very successful nature trail and beach clean-up. World Environment Day is the United Nations' flagship day for promoting worldwide awareness and action for the environment.



EDF Energy Nuclear Generation Limited  
Hinkley Point B Power Station  
Near Bridgwater, Somerset, TA5 1UD

T: +44 (0)1278 654600  
F: +44 (0)1278 654610  
[www.edfenergy.com](http://www.edfenergy.com)

Registered office: Barnett Way, Barnwood  
Gloucester, GL4 3RS. Registered in England  
and Wales number 3076445.



### Station generation

Hinkley Point B's Reactor 3 is back online again after a planned maintenance and inspection shutdown, busy producing low carbon electricity and helping to make a significant contribution to keeping the UK's lights on. The restart follows a highly successful 88-day outage that will ensure the continued operation of the power station until 2023 and possibly beyond.



Together with the UK's fleet of existing and new nuclear power stations, Hinkley Point B is helping the UK to tackle the challenges posed by climate change. The low carbon power produced by the two reactors is sufficient to meet the needs of 1.8 million homes and avoids the emission of 2.5 million tonnes of CO<sub>2</sub> each year. That's like taking over 1 million cars off our roads.

Routine outages such as this take place every 18 months and represent a huge financial investment into the power station, its systems and the local economy. During this outage, some £40 million has been invested into routine maintenance, new equipment and expertise sourced from local and regionally based companies. Around 20% of the outage work was supported by the regional supply chain and forms part of a wider contribution of £790 million delivered into the South West economy by EDF Energy in a typical year. Over the period we completed 14,406 tasks, undertook over 100 quality inspections and used 49,115 spare parts to deliver the 191,000 hours of work required. We received help from over 50 different contract partners comprising of over 1,000 extra workers. We also carried out planned inspections to check the condition of the graphite within the reactor core. Our findings are well within the safety-case agreed with the Office for Nuclear Regulation and confirmed that it is behaving exactly as it should at this stage of its life. We know that over time the graphite in the core deteriorates by losing mass and developing hairline cracks but all experts agree that this is only a concern in respect of the core's ability to distort after enduring the impact of a highly unlikely major earthquake or other extreme scenarios. For more information about graphite see our website.

Reactor 4 / turbine 8 has been on-line since 21 February 2019, and operated at nominal full load throughout the month.



### Community news

#### 2019 Royal Bath and West Show

EDF Energy staff played an active role at the popular Royal Bath and West Show which took place between Wednesday 29 May and Saturday 1 June. Hinkley Point B visitor centre staff and apprentices were joined by representatives from the Nuclear New Build team and Cannington Court, and engaged with over 19,000 people who visited the Imagineering marquee at the agricultural event.

### Staff fundraising for Breast Cancer Now

A group of station workers took part in a 'tash for cash' challenge during the outage and raised over £300 for Breast Cancer Now. The aim was to grow and keep moustaches for the duration of the outage, whilst having to make individual weekly contributions via a strict 'fine' process. Our best wishes and thanks go to all involved.



Since the company launched its three year charity partnership with Breast Cancer Now in October 2016, Hinkley Point B staff and contract partners have raised over £25,000 for the popular charity

### Company news

#### EDF Renewables announces Edinburgh expansion

EDF Renewables in the UK has opened an extension to its existing office in Edinburgh to accommodate 60 new jobs created on the Neart na Gaoithe offshore wind farm project. Derek Mackay MSP, the Scottish Government's Cabinet Secretary for Finance, Economy and Fair Work, was at the official opening.

A large number of the new team members have a particular focus on the Neart na Gaoithe (NnG) offshore wind farm which is planned to begin construction later this year. NnG has a capacity of up to 450 megawatts (MW) of low carbon energy, providing enough electricity to power more than 375,000 Scottish homes\*, and will offset over 400,000 tonnes of CO2 emissions each year.



EDF Renewables is one of the UK's leading renewable energy companies developing, building and operating energy generation projects with a focus on onshore and offshore wind as well as battery storage and other new technologies. In Scotland there are already eight onshore wind farms which have a capacity of 496 MW and we have over 2 GW in development.



### **Next community meeting**

The next Site Stakeholder Group meeting will be held on Friday 28 June 2019 from 10:00 hours to 13:00 hours at the National College for Nuclear, Cannington.

### **Contacts**

Dave Stokes, Communications Officer, Hinkley Point B, Tel: 01278 654699, Email: [dave.stokes@edf-energy.com](mailto:dave.stokes@edf-energy.com), and Andrew Cockcroft, External Communications Manager, EDF Energy, Email: [andrew.cockcroft@edf-energy.com](mailto:andrew.cockcroft@edf-energy.com)