

# Hinkley Point B power station

## February 2015 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](http://www.edfenergy.com) website.

### 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 eight years since we experienced a nuclear reportable event, over five years since our last environmental event, and over one year since our last lost time injury.

### Station generation

Reactor 3 has been on line since 19 March 2014, and operated at nominal full load throughout January.

Reactor 4 operated at nominal full load throughout January, until it was manually shutdown on Friday 23 January to begin a major planned outage maintenance programme worth £40m. One thousand extra workers have teamed up with the station's existing workforce during the ten week shutdown period, which has been the result of two years of detailed preparation.



The extensive programme of work consisting of over 12,000 separate tasks will also see inspections inside the reactor, as well as installation of new equipment at the plant. The biggest projects include replacing two large gas circulators which help cool the reactor, as well as replacing rotors on the turbine which are used to turn steam into low carbon electricity.



The maintenance periods known as “statutory outages” take place every three years and are planned in advance with the National Grid to ensure that there is no impact on the national electricity supply. Hinkley B’s other reactor is due to continue operating normally throughout the period.

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Station Director, Mike Harrison, said: "This inspection and investment programme has been carefully planned over the last two years and will enable us to continue safely generating low carbon electricity at Hinkley B for many years to come."

Hinkley Point B's two reactors generate enough electricity to power around one and a half million homes and started operating in February 1976. The power station is due to continue operating until 2023. It has saved the equivalent of an estimated 160 million tonnes of carbon dioxide emissions during its 39 years of operation. Last year Hinkley Point B produced its highest output for ten years.

## Community News

### A review of 2014 community relations activities

Hinkley Point B continues to play an active role in the local community. Here are some of the activities the station has been involved with in 2014:

- Station staff and contract partners raised over £17,000 for charities and good causes with beneficiaries including, Marie Curie Cancer Care, Children's Hospice South West, Help For Heroes and Wallace & Gromit's Grand Appeal.
- Since our visitor centre opened in December 2012, we have received over 21,000 visitors. In 2014 we organised a variety of themed events at the visitor centre, including Apprentice Awareness Week, Tomorrow's Engineering Week and the Big Bumblebee Discovery.
- We hosted 142 organised group visits to Hinkley B during the year, with over 2,800 people touring the power station.
- Our visitor centre team played an active part at the popular Royal Bath and West Show and engaged with over 17,000 people.



### Charity update

Our partnership with Marie Curie Cancer Care continues to prove popular with staff and contract partners and since this relationship was formally launched on 1 May 2013 the station has raised £28,906 for the charity, some of which has been match funded by the company.

Since 2010, station staff and contract partners have raised over £65,000 for charities through a variety of fundraising activities.

## Company news

### EDF Energy announces 10 more years for Dungeness B

EDF Energy has extended the expected life of its Dungeness B nuclear power station by ten years. This means it is due to continue generating low carbon electricity until 2028, producing enough power each year to supply the equivalent of 1.5m homes.

The decision has been made possible by a £150m investment programme to extend the life of the station. It comes after extensive reviews of the plant's safety cases and work with the independent nuclear regulator, the Office for Nuclear Regulation (ONR). The station will also be subject to continuing independent safety reviews by the ONR.

Improvement projects at Dungeness B have already included a £75m upgrade to control room computer systems and £8m on enhanced flood defences.

The life extension at Dungeness B is part of a wider EDF Energy programme to extend the lives of its eight nuclear power stations.

Based on the expected life extensions, all seven AGR stations will be operating in 2023 when the new nuclear power station at Hinkley Point C is due to be commissioned, subject to a final investment decision.

### Next local community meeting

The next Site Stakeholder Group meeting will be held on Friday 27 February 2015 from 10am to 1pm at Hill House, Otterhampton.

### Contacts

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