

Sizewell B power station

Monthly Newsletter Issue 607

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Introduction

We are keen to hear the views of our local communities. We recognise that good communication is a two-way process and we welcome your feedback and comments. These reports are available to all members of the public on www.edfenergy.com.

Whilst we will do our best to always use plain English, talking about our business sometimes involves specific terminology, and you will find a glossary of any terms used at the end of each monthly report.

Safety

We measure our safety performance against top tier indicators, including nuclear reportable events, environmental events, and staff and contract partner recordable injuries.

During the period of the report there have been:

- No injuries to employees
- No nuclear reportable incidents
- No environmental incidents

Station output

The station has operated at around full power during this period.

Please click on the link below that provides a daily update of the status of our eight nuclear power stations. The link will show which nuclear reactors are in service and what they were generating at the time the information was updated. You can also see which reactors are out of service, what the reasons are and when we expect them to return to service. In addition, we have included the expected timing of the next statutory outage of each nuclear reactor.

<http://www.edfenergy.com/energy/power-station/daily-statuses>

Company news

Hinkley Point C site progress

Contracts for the UK's first new nuclear power station at Hinkley Point C in Somerset were signed one year ago on September 29, 2016.

There are now 2000 workers at the site building the new power station, with more than 76 apprentices working on the project which will create more than 1000 apprenticeships during construction.



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Four million cubic metres of earth have been excavated, enough to fill Wembley Stadium, and 10,000 tonnes of rock has already been delivered by ship from Pembroke, for the site's new 13.5 metres high seawall.

The project remains on track to meet the 64% UK supply contribution with nearly £9bn of contracts signed since final approval. The latest contract with ABB Group was signed this week for the main power transmission systems for both reactors.

And £15 million is being invested into education, employment and skills to help inspire the next generation and provide people with the necessary training and support to help them into long term careers.



Hinkley Point C Programme and Construction Delivery Director, Nigel Cann said: "Hinkley Point C is one of Europe's largest construction projects and it's already an awe-inspiring sight. Work is continuing on the temporary jetty, a defensive sea wall and the laying of circulation water system pipes. The landscape is constantly changing as thousands of tonnes of earth are excavated.

"The project is bringing together firms and expertise from across the UK and the world. We have already achieved a lot and our focus is firmly on what we need to deliver in the year ahead and beyond."

Sizewell B and the Community

Sizewell B Refuelling Outage 2017

Sizewell B power station will be brought offline 03 November 2017 to begin its fifteenth refuelling and maintenance outage, as planned.

An extra 1,000 specialist workers will join the Sizewell workforce and provide a boost to the area's hotels and businesses. During the outage period, which is expected to last about 5 weeks, they will carry out over 10,000 separate pieces of work which have been carefully planned during the last two years.

As well as refuelling the reactor, we will also deliver major investment and routine maintenance work during the outage:-

- Turbine 1 routine maintenance and upgrade of Turbine 1 monitoring systems
- Overhaul of one of four Main Cooling Water pumps
- Replacement of a reactor building cooler fan motor

Refuelling outages are always busy periods for us and for the area, we aim to minimise the impact to the local community wherever possible.

Sizewell B new recruits start award winning apprenticeship

The latest Sizewell B new recruits have joined the station to start their apprenticeship in the nuclear industry.

The four new recruits for Sizewell B all came from local schools. Left to right: Suzanne Jones, 18, (Northgate High School and Suffolk New College), Brer Cornish, 18, (Bungay High School and Sixth Form and Lowestoft College), Brandon Ayers, 20, (Benjamin Britten High School, Lowestoft College) and Adele Jenner, 16, (Hartismere School).



The group enjoyed a week in the Lake District for an outward bound course where they met other EDF Energy apprentices from power stations across the UK. Team building is encouraged whilst taking part in outdoor activities which culminated in climbing mount Helvellyn.

Paul Morton, Sizewell B station director said: "I enjoyed meeting our new apprentices and their families recently and wish them the best of luck as they start their engineering studies."

With the outward bound course complete the apprentices are now turning their energy to studying at HMS Sultan in Portsmouth where they will spend the next two years. The apprentices will learn basic engineering skills in their first year, before specialising into their trade in the second year.

The apprentice recruitment complements EDF Energy's national campaign to change teenage girls' perceptions of science and inspire them to pursue science-based careers.

EDF Energy launched #PrettyCurious, a long term programme to encourage more teenage girls to study STEM. The programme aims to give girls hands-on experiences and provide them with opportunities to learn about the wide range of careers available in STEM.

Although the company's generating stations already have a number of successful female apprentices, EDF Energy wants to attract more. For more information about careers at EDF Energy visit edfenergy.com/earlycareers

Sizewell Village Sign

After two years of planning, Sizewell residents have secured sufficient funding for a village sign to be commissioned.



The sign was designed by local artist Jenny Toombs, from Benhall. It reflects the essence of the area, industry side by side with the natural beauty of the sea and shore.

Grants were received from Suffolk Coastal District Council, EDF Energy and the Galloper Wind Farm Fund.

These grants were augmented by the sale of a generous donation of an Aquatint from another local artist Maggi Hambling.

The unveiling of the sign took place in September.

Next local community meeting

The next Sizewell Stakeholder Group meeting will take place on Thursday 14 December 2017 at 09.30am, Aldeburgh Community Centre. Any member of the public is welcome to attend.

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Term	Definition
Nuclear reportable event or incident	Nuclear reportable events are events reported to the Office for Nuclear Regulation in compliance with EDF Energy's nuclear site licences.
Lost time injury	Lost Time Injury is an absence of one day or more resulting from an injury incurred during an accident - generally in UK industry a less stringent three day or more criteria is used.
Environmental event or incident	Environmental events arise from wastes or discharges above permitted levels or breaches of permitted conditions.
Outage	A period during which a reactor is shut down. The periodic shutdown of a reactor including for maintenance, inspection and testing or, in some cases for refuelling is known as a planned outage. In the UK, some planned outages are known as statutory outages and are required by the conditions attached to the nuclear site licence needed to operate the station. Unscheduled shutdown of a reactor for a period is known as an unplanned outage.
Unit	A unit refers to one of the reactors at the power station and its generating turbine