

Sizewell B power station

Monthly Newsletter Issue 616

June 2018

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

Two ground breaking projects opened by EDF Energy

Jean-Bernard Lévy, the EDF Group Chairman and Chief Executive Officer, Bruno Bensasson, the Group Executive Vice-President in charge of Renewable Energies and Simone Rossi, EDF Energy Chief Executive Officer officially opened two ground breaking projects in the United Kingdom: the Blyth off-shore wind farm and the West Burton B battery storage facility.

Blyth off-shore wind farm, Northumberland, is composed of five turbines with total generation capacity of 41.5 MW. Several innovations have been built in to contribute to enhanced competitiveness of off-shore wind power.



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Blyth is the first off-shore wind farm to use float and submerge technology. The wind turbines are supported with gravity-based foundations transported by floating, which reduces the installation costs.



Blyth Offshore wind farm

A 49 MW battery storage facility located at West Burton B power station is the largest project in the new frequency control system which will be deployed across the UK to improve stability of the national grid. Against the backdrop of extensive development of renewable energy generation and the closure of ageing power plants, battery storage technology supports stability of the grid and can be used for rapid response to fluctuations in grid frequency.

Sizewell B and the Community

Sizewell B workers rally round to clean the local beach

A dozen Sizewell B employees traded the office for a morning on their local beach to pick up litter during World Environment Week in June.

This year's theme for World Environment Week is to 'Beat Plastic Pollution' so it seemed perfect timing to carry out a beach litter pick.



The power station team collected ten sacks of rubbish from Sizewell beach, predominantly plastic bottles and cotton buds which were washed up on the shore of the popular local leisure spot.

EDF Energy inspires girls to choose engineering

Sizewell B STEM ambassadors took to the road in June to inspire females to consider a career in STEM as part of activities taking place in Suffolk to mark national Women in Engineering day (23 June 2018).

Working with Connect Education and Business the STEM ambassadors met with hundreds of female students to raise awareness of careers in the growing nuclear industry.

The event in Newmarket which was organised by Connect Education and Business has been designed to raise the profile and celebrate the achievements of women in engineering, and to encourage more girls to consider engineering as a career.

There were over 250 13-16year old students that took part in the event, they met with leading experts in STEM and engineering, and got to ask questions and find out more about career opportunities such as work experience placements and paid internships.



Connect Education and Business found that women make up less than 10% of the engineering sector, and with a large skills gap looming and the additional need for a more diverse workforce, it has never been more important to encourage girls to choose a career in engineering.

Other schools interested in working with nurturing STEM subjects at school through partnerships with EDF Energy are encouraged to contact the Sizewell B visitor centre at sizewellbtours@edf-energy.com.

Next local community meeting

The next Sizewell Stakeholder Group meeting will take place on Thursday 19 July at 07:00pm, Saxmundham Market Hall. Any member of the public is welcome to attend.

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If you would like to receive this newsletter via e-mail please contact Niki at the above address.

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