

Sizewell B power station

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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

Please click on the link below for 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

Apprentice graduation ceremony celebrates EDF Energy's bright future

Simone Rossi, EDF Energy's chief executive, welcomed the family and friends of the latest group of apprentices to graduate from the company's training scheme.

He told the audience that in the past 10 years the company had seen nearly 600 apprentices pass through the scheme.

This year 52 former apprentices, mostly from the engineering maintenance training programme, attended the ceremony when they were given a certificate by Simone.

The company also has three special awards with Jonathan Grundy, from Hartlepool, taking the overall apprentice of the year trophy, Sophie Palmer, also Hartlepool the 'going the extra mile award' and Kieran Bell, from Torness the 'community engagement award'.



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Applications for EDF Energy's 2019 apprentice intake are open and full details can be found at www.edfenergy.com/careers.



EDF Energy Apprentice graduation ceremony

Nissan and EDF Energy partner to advance low carbon transport

Nissan and EDF Energy have joined forces to work together on a number of projects that will support the adoption of electric vehicles and energy generation and storage solutions.

The two companies signed the new agreement and the partnership will kick off with a first of its kind collaboration to explore how second-life Nissan electric vehicle (EV) batteries can support demand side management.

Both EDF Energy and Nissan have been at the forefront of developing the market for electric vehicles in the UK and will bring substantial technical expertise to the wide ranging agreement that will support the transition to low carbon transport, such as smart charging, batteries, decentralised generation and grid integration. The first joint project will see the partners explore the business case for recycling retired batteries from Nissan LEAF back into commercial battery storage.

The system would see electricity stored in the batteries and released back to the grid using EDF Energy's PowerShift to react quickly to demand side response (DSR) initiatives. Storage systems offer a lower carbon solution compared to relying on coal and gas power stations to meet peaks of electricity demand on the grid.

Sizewell B and the Community

EDF Energy women named in Suffolk list of the most inspirational women in the county

Three women from EDF Energy have been selected to appear on a list of the most inspirational women making a difference to Suffolk.

Julia Pyke, Sizewell C Nuclear Development Director; Niki Rousseau, Community Liaison at Sizewell B and Katie Bannister, Reactor Operator at Sizewell B, have all been named for their work in the county.

The East Anglian Daily Times newspaper launched the campaign earlier this year to find the most inspirational women in Suffolk as part of the county's celebrations around the 100th anniversary of Emmeline Pankhurst's work to get the vote for women.

Suffolk has been home to some famous female achievers, such as Elizabeth Garrett Anderson, the first woman to gain a medical qualification; suffragist Millicent Fawcett and Edith Cook, originating from Ipswich, the first British woman to pilot a plane. The newspaper felt it was timely to mark today's women in Suffolk making a difference to the county.



Katie, Julia and Niki

Speaking at a special celebratory event held in Ipswich, Brad Jones, Editor of the East Anglian Daily Times Newspaper, said: "We thought it was high time we did more to celebrate our county's inspirational women – so asked our readers to send us their nominations. The response was incredible. We had many brilliant suggestions from the world of business, the arts, sport, the public sector, education, the third sector, or those who have performed distinguished public service. The list of inspiring Suffolk women is something our county should be very proud of. These are positive role models for future generations."

EDF Energy brings national science festival to Ipswich

500 Suffolk schoolchildren have taken part in a national science festival held at Trinity Park, Ipswich, in November.

LabLive is a spectacular STEM (Science Technology Engineering and Maths) show for Y8 & 9 students and the event brought the best of Cheltenham Science Festival to Trinity Park, in a bid to inspire and engage inquisitive young minds. As well as enjoying an interactive show covering some of the latest scientific themes, pupils also learnt more about the benefits of studying science, technology, engineering and maths.



Marine microbiologist Russell Arnott talked about the incredible world of the small but mighty mini-beasts under the sea which help to provide the food we eat and the air we breathe. The school children were excited to join Russell on stage with props including enormous prawns and plankton!

Meanwhile nanochemist Dr Suze Kundu took the children on a journey to look at material science and how the best superheroes in their favourite comic books put science to good use.

Marine Biologist Russell Arnott said: “By meeting real life scientists I hope the children can see the range of things you can do with the subject and where it can lead you.”

LabLive brings all the fun of Cheltenham Science Festival to Suffolk using Science, Technology, Engineering and Maths (STEM) to inspire and engage inquisitive young minds. As well as enjoying science at its most spectacular, pupils will learn more about the benefits of studying these subjects at GCSE.

Sizewell B employees head for Mount Everest

Hazel Hawkins and Lana Challis from Sizewell B left the power station in November to trek to Everest base camp raising thousands of pounds for EDF Energy’s Charity of the Year Breast Cancer Now.

The two intrepid fundraisers are no strangers to a challenge having successfully trekked up Mount Kilimanjaro for charity four years ago.

This mammoth trek has taken Hazel and Lana away from home for 18 days leading them through rough terrain to altitudes of almost 6000m and at night they were braving sub-zero temperatures under nothing but canvas.

Paul Morton, Sizewell B station director, said: “We are incredibly proud of Hazel and Lana who have trained hard for this challenge over the last 18months and have raised an amazing £11,000 for Breast Cancer Now.”



Next local community meeting

The next Sizewell Stakeholder Group meeting will take place on Thursday 17 January 2019 at 09:30am, Sizewell Sports and Social Club. 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