

# Sizewell B power station

## Monthly Newsletter Issue 577

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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](http://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

During the period of the report there have been:

- No environmental incidents
- No nuclear reportable incidents
- Two injuries to staff

### Personal Injury in Chemistry Laboratory

A Chemistry Technician was disassembling filtration glassware when the glass shattered in the Technician's hand. The Technician sustained cuts to their left index finger and thumb. Following on-site first aid treatment, the Technician was referred to hospital for further assessment and treatment. The Technician returned to work a few days later.

Prior to the event the Technician had noticed some minor damage to the glassware. It was during the process of exchanging the damaged section that the glassware failed as a consequence of the defect. Nitrile gloves were worn at the time of the event. All similar glassware has been subject to additional inspection.

### Ankle Injury whilst locking door on site

A Security Guard was undertaking a routine door surveillance on site lost his footing on the edge of a low set of access steps, resulting in a fracture to his ankle. The Security Guard fell from the top step (approx 40cm) onto the ground.

After initial treatment by on site First Aid staff, he was taken to hospital where it was confirmed that he had suffered a fracture to his ankle. The Security Guard has now returned to work.

Upon investigation it was found that lighting in the area was good, there were no defects with the steps and all surfaces were dry, clean and in good condition, the door and lock can be operated freely and access and egress to the doorway was safe.

A brief has taken place with all work groups, highlighting the importance of situational awareness.



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Gloucester, GL4 3RS. Registered in England  
and Wales number 3076445.

## 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

### EDF Energy awarded UK's largest annual electricity supply contract

EDF Energy has been awarded the UK's largest annual electricity supply contract by the Crown Commercial Service following a competitive tender process.

The renewal of the multi-billion pound four-year agreement will see EDF Energy continue to supply electricity to thousands of public buildings and sites across central and local government, including schools, the NHS, the Highways Agency and major cultural assets such as the National Gallery.

The contract covers around 8,000 sites, equivalent to 9.6 terawatt hours of electricity a year or enough to power 2.3 million UK homes. It was awarded by the Crown Commercial Service, a Government agency which provides commercial and procurement services for Government departments and the UK public sector.

As part of the deal, public sector customers will be offered expert advice on energy efficiency to help them reduce their energy consumption.

### Smart metering apprenticeships

EDF Energy is beginning its search for the next group of smart metering apprentices.

Four of the UK's ten smart metering apprentices will be based in England's south west, with training taking place at EDF Energy's new Cannington Court site.

They will also shadow EDF Energy technicians in the field and assist with the installation of smart meters in areas such as Bristol, Taunton, Exeter and Plymouth.

EDF Energy plans to install more than 70,000 smart meters in 2015 and by 2020 every home in the UK will need to be fitted with a smart meter. This new technology will make a significant difference to the way people understand and use their gas and electricity and these new apprentices will play a vital role.

Interested candidates should visit the smart apprenticeship webpage to apply:  
<http://www.edfenergy.com/careers/early-careers/apprenticeships/smart-metering-apprenticeship>

### EDF Energy joins government's 'Disability Confident' campaign

EDF Energy has signed a pledge to become a partner of the Government's 'Disability Confident' campaign.

The company joins a number of employers, including FTSE 100 companies and small businesses, who have signed the pledge as a commitment to continue to support employees with disabilities and ensure that they have the opportunities to develop in the workplace.

To mark this occasion, the Minister of State for Disabled People, Mark Harper MP, joined CEO Vincent de Rivaz at the EDF Energy head office in central London for the signing. British Paralympian and gold medalist Deborah Criddle also attended the event.

Janet Hogben, chief people officer at EDF Energy, said: "EDF Energy has always been committed to creating an inclusive working environment and we are proud to sign this pledge and join the Disability Confident campaign."

"In order to recruit and retain the best and most diverse talent, we know that creating a culture of inclusion is fundamental. We want all employees to feel that they have the same opportunities to develop and thrive at EDF Energy."

## Sizewell B and the Community

### Sizewell B celebrates British Science Week with Suffolk schools

Sizewell B supported British Science Week (BSW) with dozens of visits from Suffolk school students in March.



Year 4 pupils from Grundisburgh Primary School enjoyed a day out at the power station visitor centre learning about electricity generation.

The class of 8-9 year olds built electrical circuit's, looked at magnetic forces and the power behind friction as part of the jam-packed energy focused day.

Mrs Mason, Year 4 teacher at Grundisburgh Primary School said: "Today's visit to Sizewell B complements the children's studies on electricity. They have all seen the Sizewell B dome and now they get to learn about what goes on inside."

A group of A-Level students were brought for a behind the scenes look at how Sizewell B generates power for 3% of the UKs homes. The visit was organised with The William and Ellen Vinten Trust which works with five schools in the Bury St Edmunds area to promote engineering.

16-year old Edward Aylott and classmate Kieran D'Lima (17) from Culford School took part in the tour of the power station.

Edward is studying maths, physics, history and art and said that the visit will really help him decide his next steps in further education. "I am not sure which path I want to take after I finish my A-Levels so the visit to Sizewell B really helps me make up my mind about what I want to do next." Kieran is studying chemistry, maths, physics and design technology and described the visit as "Brilliant."



Over 130 pupils from Saxmundham Free School have been learning about electricity at the power station.

The visits have been organised by STEM (Science Technology Engineering and Maths) Ambassadors from the station who work with the local school. The visit complements their classroom curriculum studies on electricity generation.

The Year 7 and 8 pupils were shown around the visitor centre exhibition and were then taken on a tour of the plant to learn about where their electricity comes from.

The visitor centre guides are also taking their energy tour on the road. The team dropped in at Aldeburgh primary school science fayre where they took part in experiments created by the year 5 and 6 pupils and they attended County Upper School's weekend science fayre.

If you know a school that would like to take part in either a visit to the station or a visit by one of the visitor centre guides, please contact [sizewellbtour@edf-energy.com](mailto:sizewellbtour@edf-energy.com).

### Next local community meeting

The next Sizewell Stakeholder Group meeting will take place on Thursday 4 June 2015 at 19:00 hrs at the Saxmundham Market Hall. Any member of the public is welcome to attend.

### Contacts

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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