

Dungeness B monthly report

February 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.

Safety

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

There have been no recordable injuries to employees or any nuclear reportable incidents in February 2018.

Environmental Safety

The Environment Agency visited the station on 20 February 2018. There have been no environmental events at Dungeness B in throughout February.

Plant Update and Station Output

Dungeness generated 548 GWs in February 2018.

Reactor 21 was synchronised to the grid on 11 February following a planned refuelling outage.

Improvements to the station's equipment reliability, an increase in operational focus and upgrades made during last year's statutory outage have led the station to operate for longer periods and closer to its full capacity. The station has therefore been in negotiations with the National Grid to increase its output limit. As of 13 February 2018, the Grid approved a 29MW increase with means that Dungeness B is now permitted to produce up to 1120MW.



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BEG/FORM/COMM/014 Revision 004

Our Visitor Centre continues to thrive, welcoming 476 people on tour in February 2018 with an additional 122 visitors to the exhibition area.

The centre already has more than 2500 people booked on tour for 2018.

Dungeness B's visitor centre celebrates its fifth birthday on 15 February

Mark Gorry, EDF Energy's Chief Nuclear Officer (Region 2) was on hand to cut the cake and meet some of the children participating in the centre's STEM Club.

He said: "I am delighted to be at Dungeness B today to celebrate this milestone birthday for the power station's visitor centre. 2018 is the Year of Engineering so it's great to see the visitor centre playing its part in inspiring the next generation of engineers by hosting so many activities for local children throughout the year."



Dungeness B employees raise money for Breast Cancer Now in Finnish lawn mower race

Two workers from Dungeness B power station went to extreme lengths to raise money for EDF Energy's charity partner Breast Cancer Now, by racing a sit-in lawnmower on a frozen lake in Finland.

Materials Technician Jenn Tibbenham and her husband Graham, who works for one of the station's contract partners, took part in a 12-hour endurance challenge, raising over £400 for the charity.

Graham said: "It's great to support such a good cause by doing something a bit different. British teams have competed in this race several times but we got a lot of interest this time as nobody had ever taken this class of mower to Finland before."

Celebrating National Nest Box Week

Shadoxhurst and Willesborough Cubs put their engineering skills to the test by building bird boxes as part of National Nest Box Week, which ran from 14 until 21 February. The youngsters built the wooden boxes at the visitor centre before taking them home to encourage biodiversity in their local area.



Company News

2018 is the Year of Engineering

EDF Energy is joining the government's Year of Engineering campaign which aims to inspire young people to pursue engineering careers.

The company is delivering one of the UK's largest engineering infrastructure projects at Hinkley Point C which will create 25,000 employment opportunities.



Around 1,000 apprenticeships will be created and 64% of the project's construction value is predicted to go to UK companies.

Events and activities marking the Year of Engineering will be held at EDF Energy's sites across the UK in the coming months, ranging from workshops at the Visitor Centres and outreach activities in schools.

For more information: www.yearofengineering.gov.uk

Glossary of terms

Term	Definition
Nuclear reportable event or incident	Nuclear reportable events are events reported to the Office for Nuclear Regulation (ONR) in compliance with EDF Energy's nuclear site licences.
Total Recordable Injury Rate events (TRIR)	The number of lost time injuries and restricted work injuries and medical treatments.
Statutory 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.
Double Reactor Outage (DRO)	A planned period of maintenance of plant on one reactor and shutdown of our second reactor to allow refuelling activities.
TWh	1 TWh = 1000 GWh
Lost time injury (LTI)	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.
International Event Scale rating (INES)	International Event Scale - Events are classified at seven levels: Levels 1–3 are "incidents" and Levels 4–7 "accidents". These levels consider three areas of impact: people and the environment, radiological barriers and control, and defence in depth. The scale is designed so that the severity of an event is about ten times greater for each increase in level on the scale. Events without safety significance are called "deviations" and are classified Below Scale/Level 0. Level 1 is an anomaly.

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