

# Dungeness B monthly report

## May 2017



### 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

There have been no safety issues to report this month. We continue to use extensive reporting and safety metrics to continue to improve in all areas of safety and to achieve our ambition of Zero Harm.

### Environmental Safety

There have been no environmental events at Dungeness B during May 2017.

The Environment Agency was last on site on 26 and 27 April to partake in the Dungeness B Annual Review of Safety. Further routine inspections against the stations licence conditions are planned in the coming months in conjunction with the Office for Nuclear Regulation as we progress through our statutory outage on Reactor 21.

Routine monitoring of the groundwater has not identified any exceedances of tritium or hydrocarbons above reporting levels as agreed with the Environment Agency.

EDF Energy maintains its strong ties with the local area through our Land Quality Management Team and continues to support the area through roadway improvements, signage, rubbish clearance and biodiversity improvement programs

### Station Output May 2017

Both units were at full load achieving the highest monthly output ever of 803 GWhs (R21 400 GWhs R22 403 GWhs).



**EDF Energy Nuclear Generation Limited**  
Dungeness B Power Station  
Romney Marsh, Kent TN29 9PX

T: +44 (0)1797 343300  
F: +44 (0)1797 343499  
[www.edfenergy.com](http://www.edfenergy.com)

Registered office: Barnett Way, Barnwood  
Gloucester, GL4 3RS. Registered in England  
and Wales number 3076445.

## Dungeness B News

Our Visitor Centre continues to thrive. We have welcomed 326 people on tour in May 2017 with an additional 196 visitors to the exhibition area.



### Dungeness B visitor centre welcomes its 20,000<sup>th</sup> visitor



#Kent power station welcomes its 20,000th visitor [bit.ly/2qxLDoE](https://bit.ly/2qxLDoE) #Dungeness



4:12 PM - 30 May 2017



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### Visit by Institute of Mechanical Engineers

### Welcoming new Dungeness B apprentices



 Reviewed 2 weeks ago

## Brilliant Educational Tour

The educational tour is wonderful and very informative. My sons (aged 12 and 11) and I have been on it twice, and we will probably return at some point in the future. If you are into anything nuclear, this is the closest you will get to what goes on in a power station unless you work in one. The tour guides' knowledge and enthusiasm are apparent. Away from the station itself, there's much to see and do in Dungeness - the wildlife, beach, nature reserve, steam railway, etc.

Exploring Electricity Tours at Dungeness B can be arranged by contacting [dungenessbtours@edf-energy.com](mailto:dungenessbtours@edf-energy.com) or 01797 343728.

## Company News

### Operation Temperer

Following the attacks in Manchester the government raised the threat level within the UK to 'critical' which in turn initiated Operation Temperer. This meant UK police forces could call on extra armed officers drawn from sites such as EDF Energy's nuclear sites.

To ensure the armed response levels were maintained at our nuclear sites, military personnel replaced those Civil Nuclear Constabulary officers drafted in to support Operation Temperer.

Once the UK threat level returned to 'severe' the CNC officers returned to our sites and the military personnel back to their barracks.

## Contacts

**Rebecca Cavanagh**  
**Communications Officer**  
EDF Energy, Generation

T: +44 (0)1797 343 629  
T: 736 3629 (Int)

Email: [rebecca.cavanagh@edf-energy.com](mailto:rebecca.cavanagh@edf-energy.com)

**Laurence Ollier**  
**External Communications Manager, South East**  
EDF Energy, Generation

M: +44 (0)7813 232 765  
**24-hour press line:** +44 (0)1452 65 2233

Email: [laurence.ollier@edfenergy.com](mailto:laurence.ollier@edfenergy.com)

**Alison Prentice**  
**Visitor Centre Co-ordinator**

T: +44 (0)1797 343728  
T: 736 3728 (Int)

Email: [alison.prentice@edf-energy.com](mailto:alison.prentice@edf-energy.com)  
Visitor Centre Bookings:  
[dungenessbtours@edf-energy.com](mailto:dungenessbtours@edf-energy.com)

[www.edfenergy.com/energy/education/visitor-centres](http://www.edfenergy.com/energy/education/visitor-centres)

Dungeness B Power Station  
Romney Marsh  
Kent TN29 9PX

## 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.<br>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. |