

Heysham monthly report

July 2014

Introduction

Welcome to the July newsletter for Heysham 1 and 2 power stations, these reports are also available to all members of the public on www.edfenergy.com.

While 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.

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

Heysham 1

- 0 lost time incidents
- 0 environmental incidents
- 0 nuclear reportable incidents

Heysham 2

- 0 lost time incidents
- 0 environmental incidents
- 0 nuclear reportable incidents.

Station output

Heysham 1

Reactor 1 – offline to allow vessel entry programme to investigate one of Reactor 1's eight boilers
Reactor 2 – ran safely and reliably all month

Heysham 2

Reactor 7 – reduced load during the month to enable low power refuelling to take place
Reactor 8 – ran safely and reliably all month

Site visits and community news



Heysham visitor centre 1st anniversary & family fun day

Over 300 members of staff, their families and members of the local community attended a series of events to mark

the first anniversary of Heysham power stations' visitor centre.

The events held to mark the visitor centre's first anniversary included a 'Blooming Great Tea Party' for Marie Curie which raised £400 and a family fun day.

The family fun day was held to thank the local community and station staff and their friends and families for their support and remind people of the visitor centre's educational purpose. The day included 'Mad Science' shows, pond dipping and mini-beast hunts in the power stations' nature reserve and finally a bumble quiz in the centre all aimed at children and their families.

Each child who completed the bumble bee quiz was also presented with a lavender plant (donated by Workplace Solutions) to encourage them to learn more about the role bumble bees play in pollinating plants and crops. This is part of a wider campaign run by educational web platform The Pod which EDF Energy sponsors.



Heysham 1 apprentices awarded at HMS Sultan

Two of Heysham 1's apprentices who changed careers to join EDF Energy have won top awards at the company's end of year ceremony.

Josh Brooks won the year one 'Apprentices' Apprentice' and Shane Slater the year two 'Mechanical Apprentice of the year'. Both are mechanical apprentices at Heysham one power station.

Shane, 26 from Galgate, first trained as a panel beater and worked in garages for nearly seven years before applying to join the EDF Energy apprentice programme. Meanwhile, Josh aged 22, from Lancaster, was pursuing a career in graphic design and was into the first year of a course when he decided on a complete career change. He took up a place at Lancaster and Morecambe College on the EDF Energy-sponsored access to engineering course.

Last year the EDF Energy apprentice scheme took on approximately 70 apprentices for their four year programme. The application process for Heysham's apprentice intake for 2015 starts in November, full details on <http://www.edfenergy.com/careers>.



Heysham High School wins £500 in EDF Energy science competition

A team of pupils from Heysham High School have won £500 to spend on science equipment as part of EDF Energy's Big Energy Project.

During 2014, a group of year 7 science students have worked with volunteers from Heysham 1 power station to develop an energy saving project for the national competition. Four groups from the school looked at ways to encourage people to use power wisely and so cut their energy bills.

Each of the groups worked with a volunteer from Heysham 1 power station which included; Richard Hawksby, Mike Gee, Ryan Surridge and Kirstie Dewhurst, to develop their projects and work up a final presentation.

The winning group, called 'heater beaters', as chosen by a panel from Heysham 1, then went on to the national competition against schools from around the country. The judges were very impressed with the group's mascot 'Harold the Heater' website, the feedback they had received from hundreds of members of the local community and their creativity in developing a radio jingle.

Visitor Centre

During July, Heysham power stations' visitor centre welcomed 885 visitors.

Since opening in late July 2013, the centre has now had over 5,700 people through its doors to learn about how electricity is made, with a large percentage booking to go on a site tour also.

Heysham power stations' new visitor centre is open to the public to visit from 10am to 4pm Monday to Friday and 10am to 2pm on Saturday.

The centre is located just next to both Heysham power stations and visitors should follow signs from the A683 to Heysham Port and follow the signs to the stations and then the training centre. Anyone wishing to combine their visit with a tour of one of the power stations, should book in advance by emailing heyshamvisitorcentre@edf-energy.com or by calling 01524 868451.

Company news

Charity partnership reaches £350,000

EDF Energy has marked the first year of its charity partnership with Marie Curie Cancer Care by holding a Parliamentary reception.

In 12 months the energy company and its employees have raised more than £349,000 for Marie Curie, which exceeds its target figure by nearly £150,000. The reception was hosted by Michael McCann MP and attended by dozens of Parliamentarians, Marie Curie employees and members of staff from EDF Energy.

Marie Curie was selected as EDF Energy's three-year charity partner in May 2013 by an employee vote. The money raised enables Marie Curie to fund 18 nurses to care for terminally ill people for one year.

Science award for Cheltenham Festival links

EDF Energy and The Times Cheltenham Science Festival have won a prestigious award for 'Collaborative Action' by charity Business in the Community (BITC), as part of the 2014 Responsible Business Awards.

The energy firm, and The Times Cheltenham Science Festival were praised for their 10-year long partnership focused on inspiring young people in science and engineering. Their collaborative education programme, which is delivered both at the Festival and in schools across the region engages with around 15,000 children each year.

Rex Mackrill, director of The Times Cheltenham Science Festival, said: "We are proud to work with EDF Energy as the Associate Title Partner for the Times Cheltenham Science Festival.

"One of the reasons why our partnership with EDF Energy is so successful is that we have the mutual ambition to inspire and enable people to engage with science."

Office for Nuclear Regulation approves Dungeness B's graphite limit

The Office for Nuclear Regulation has approved the limit of graphite weight loss at Dungeness B to 8%.

This is a small increase from the previous limit of 6.2% and refers to the amount of weight the graphite core is allowed to lose. Dungeness B has used the information from a continuing programme of monitoring, inspection and physical sampling of the graphite core to assess the state of the core.

This knowledge feeds in to modelling and analysis which give us the knowledge to allow us to safely increase the limit of weight loss within the core from 6.2% to 8%. As time goes on we will continue to collect data, build this into our models and calculations and ensure our safety margins are robust and appropriate

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Glossary of terms

Term	Definition
Nuclear reportable event or incident	Nuclear reportable events are events reported to the Office for Nuclear Regulation in compliance with British Energy's nuclear site licences.
Environmental event or incident	Environmental events arise from wastes or discharge above permitted levels or breaches of permitted conditions.
Unit	A unit refers to one of the reactors at the power station and its generating turbine