

Heysham monthly report

November 2017

Introduction

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

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 industrial safety incidents
- 0 environmental incidents
- 0 nuclear reportable incidents

Heysham 2

- 0 industrial safety incidents
- 0 environmental incidents
- 0 nuclear reportable incidents

Station output

Heysham 1

Reactor 1 – ran safely and reliably at a reduced load due to an isolated boiler.

Reactor 2 – had an unplanned trip on 25 November due an electrical fault. The decision was made to bring forward a planned refuelling outage, from January 2018, and repair a known boiler tube leak.

Heysham 2

Reactor 7 - ran safely and reliably at a reduced load to allow refuelling to take place

Reactor 8 – ran safely and reliably at a reduced load to allow refuelling to take place

Site visits and community news

Heysham 1's Georgina wins EDF Energy's apprentice of the year

A Heysham 1 apprentice has again won EDF Energy's apprentice of the year award 2017.

Georgina Hines from Hest Bank, near Carnforth, joined the EDF Energy maintenance apprenticeship scheme four years ago and said swapping an all-girls school for the more male-dominated engineering industry did not daunt her.

Georgina from Hest Bank near Carnforth, Lancashire, was announced as EDF Energy's apprentice of the year 2017 at the annual apprentice graduation awards 2017.

Georgina, 21, left Lancaster Girls Grammar School after finishing her first year of A' levels when she secured a spot on Heysham 1's maintenance apprentice programme four years ago.

Her family travelled to the apprentice graduation ceremony to see her pick up the award. She said: "I was really shocked when my name was called out. I thought I was perhaps in the running to win the Heysham 1 apprentice of the year.



"It was nice to see the team were really proud of what I had achieved when I got back to site. I am so grateful for all the help, support and development I have received from my team, team leaders and apprentice co-ordinator! I could not have done it without them."

Georgina took physics, electronics, maths, and ICT 'AS' levels but leapt at the chance of joining the four-year apprentice programme.

"I have always preferred to be 'hands-on' rather than learn through lectures, so the apprentice scheme really appealed to me.

"I helped my dad around the house on small DIY jobs and I loved learning new skills in my first two years on the apprentice scheme at HMS Sultan."

Since returning to Heysham 1, for the final two years part of training programme, Georgina has joined the site's maintenance team in Maintenance Team B as a control and instrumentation technician.

She is a regular at careers fairs, promoting 'women into engineering', the nuclear industry and the apprenticeship scheme and has also completed her Duke of Edinburgh Gold award.

LABLIVE Science Show for Local Pupils

Pupils from across the Lancaster, Morecambe and Carnforth area were entertained with flames, flares and mathematical shapes as part of Heysham power stations' LabLive17 event which brought two of Cheltenham Science Festival's top performers to Lancaster's Grand Theatre.

The annual event saw more than 550 pupils from the area's senior schools entertained by Katie Steckles and Matthew Tosh.

Katie Steckles introduced the pupils to the surreal world of shapes and smoke rings, taking the audience through her top three shapes.

Fresh from the November firework season, Matthew Tosh then explored the science of fireworks with an exciting show which was full of bangs, shock waves, sparks and smoke.



Matthew, who also sets up large firework displays across the country, explained the science behind pyrotechnics, revealing how he creates colours, sound effects and perfectly timed bursts to music.

John Munro, station director at Heysham 2 power station said: "This was a fantastic event and one which really showed the pupils how science is used in everyday life as well at workplaces such as ours.

"We hope that we are showing youngsters where the science, engineering, technology and maths subjects can take them.

"Maybe it's setting up firework displays, but it could also be here starting as an apprentice or graduate at Heysham power stations."

Verity Hinchcliffe, teacher at Morecambe Road School, said: "Our students get so much from these events. It makes STEM subjects relevant to their everyday lives in ways that we can't always provide in the classroom environment. And to mix with peers from other schools across the local area is always important too for our youngsters."

Heysham volunteers help girls get curious about STEM

In early November, a group of volunteers from Heysham 1, 2, Hartlepool and Cottam supported EDF Energy's 'Pretty Curious' workshops in Harrogate.

The event saw pupils from schools across the Bradford, Leeds and Sheffield areas head to Harrogate to build droids and a nuclear power station as part of EDF Energy's Pretty Curious programme, which aims to inspire girls to think about pursuing a career in Science, Technology, Engineering and Maths.



The youngsters also got the opportunity to learn more about smart technology in the home, artificial intelligence and learn how to 'build a reactor' using Virtual Reality.

New figures show that just one in four women work in STEM-related careers and as a result the UK will continue to face a significant skills shortage if the number of girls studying these subjects at school and further education continues to stay below that of boys.

Charlotte Grace, science teacher at Outwood Academy in Shafton, said: "This has given the girls the chance to see science being applied in real life; they were very engaged with all the activities.

"There is only so much you can do in the classroom, so it's great for them to be able to see how science is used in the real world."

As well as supporting education initiatives and programmes such as Pretty Curious, EDF Energy set a stretching target to increase our proportion of female STEM apprentices to 30% by 2018. We have already exceeded this number in 2017, growing our intake by 35%, but we know that we still have more to do. This compares to the national average for engineering apprentices of just 3.4%.

Company news

More women graduates from apprentice training programme

EDF Energy is welcoming more and more women into its apprentice scheme, the company's new chief executive Simone Rossi told an audience of graduating apprentices and their families.

The company's push for more women engineers to join its apprentice and graduate schemes is paying off thanks to such innovative campaigns as 'Pretty Curious', encouraging girls to think about where a career in Science, Technology, Engineering and Maths (STEM) could take them and which has recently partnered with Star Wars: The Last Jedi to help girls look at science in a new light

Simone said: "It is very pleasing to me that we have attracted an increasing number of young women into the Generation apprenticeship scheme. This year around 35 per cent of our intake is female – far above the average for STEM apprenticeships."

The coveted 'apprentice of the year trophy', went to Georgina Hines from Heysham 1 power station. The Community Engagement Award went to Rachel Wills, of Sizewell B, and Rachel Pellegrinni, Hunterston B won the 'Going the Extra Mile' trophy.

Applications for the 2018 apprentice programme is now open through the EDF Energy careers website:
<https://www.edfenergy.com/careers/early-careers/apprenticeships>

Contacts

Martyn Butlin
External Communications Manager
Tel: 01524 863565
Email: martyn.butlin@edf-energy.com

Ann-Marie Brown, Heysham 1
Internal Communications and Community Liaison Consultant
Tel: 01524 868855
Email: annmariebrown@edf-energy.com

Lisa Wood, Heysham 2
Internal Communications and Community Liaison Consultant
Tel: 01524 863851
Email: lisa.wood@edf-energy.com