

Heysham monthly report

January 2015

Introduction

Welcome to the January 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- the reactor was safely synchronised back to the grid on 10 January following the conclusion of boiler spine inspections. The reactor is running on a reduced load with two boilers isolated and not in operation due to the defect found on one of the boiler spines.

Reactor 2 – during January, Reactor 2 was taken offline off 5 days to enable a water leak to be fixed on the turbine component of the unit. The reactor was returned to service on 2 Feb and is running at a reduced load.

Heysham 2

Reactor 7 – Ran safely and reliably all month

Reactor 8 - Ran safely and reliably all month

Site visits and community news

Heysham 1 welcomes EDF France



On Wednesday 14 January, three senior representatives from EDF Group based in France visited Heysham 1 as part of their role to oversee EDF assets across the world. They have also visited other Hinkley Point B power station in Somerset and EDF Energy Generation's headquarters in Gloucester.

As part of their visit to Heysham, Serge Massart (EDF Senior Vice President), Herve Maillart (EDF Nuclear Group Asset & Business Manager) and Michael Buisset (EDF Nuclear Group Asset & Business Manager) were given a presentation on Heysham 1's history, our performance during 2014 in terms of safety and investment and our plans for 2015. They were also taken on a plant tour.

The visitors were interested in the station's lifetime aspirations and confidence in the plant going forward. They commented positively on the state of the plant and were impressed with the outcome of work on the boiler spine component.

Big Energy Project

Heysham 1 and 2 power stations is again this year supporting local secondary school pupils to learn about saving energy as part of EDF Energy's Big Energy Project.

Sixteen volunteers from across Heysham 1 and 2 power stations underwent their training in January and will visit three local secondary schools during March and April to help science pupils develop their own energy saving project.

The Big Energy Project aims to help students understand the science behind energy, catalyse an interest in STEM (Science, Technology, Engineering and Maths) -based careers, change behaviour towards energy saving, and develop student's competencies including teamwork and co-operation; problem solving; communication; creativity and enterprise; and leadership.

The local schools include; Heysham Community High School, Central Community High School and Our Lady's Catholic College.

Each school gets to submit a number of projects and the team who are judged by their classmates and our volunteers as having the best idea, will be put forward to the national competition.

Last year Heysham Community High School came second and received £500 in vouchers to spend on science equipment.

Visitor Centre

During January the visitor centre welcomed 616 visitors.

Since opening in late July 2013, the centre has now had over 9137 people through its doors to learn about how electricity is made, with a large percentage also booking to go on a site tour also.

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

The centre is located 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 01524868451

Company news

EDF Energy announces 10 more years for Dungeness B

EDF Energy has extended the expected life of its Dungeness B nuclear power station by ten years. This means it is due to continue generating low carbon electricity until 2028, producing enough power each year to supply the equivalent of 1.5m homes.

The decision has been made possible by a £150m investment programme to extend the life of the station. It comes after extensive reviews of the plant's safety cases and work with the independent nuclear regulator, the Office for Nuclear Regulation (ONR). The station will also be subject to continuing independent safety reviews by the ONR.

Improvement projects at Dungeness B have already included a £75m upgrade to control room computer systems and £8m on enhanced flood defences.

The life extension at Dungeness B is part of a wider EDF Energy programme to extend the lives of its eight nuclear power stations.

Based on the expected life extensions, all seven AGR stations will be operating in 2023 when the new nuclear power station at Hinkley Point C is due to be commissioned, subject to a final investment decision.

EDF Energy invests £40M in maintenance programme at Hinkley Point B

One thousand extra workers have joined the workforce at Hinkley Point B for its planned maintenance shutdown.

This team will carry out 12,000 separate pieces of work – each carefully planned during the last two years of preparation.

The extensive programme of work will also see inspections inside the reactor, as well as installation of new equipment at the plant. The biggest projects include replacing two large gas circulators which help cool the reactor, as well as replacing blades on the turbine which is used to turn steam into low carbon electricity.

The maintenance periods known as 'statutory outages' take place every three years and are planned in advance with the National Grid to ensure that there is no impact on the national electricity supply. Hinkley Point B's other reactor

is due to continue operating normally throughout the period.

Hinkley Point B station director, Mike Harrison, said: "This inspection and investment programme has been carefully planned over the last two years and will enable us to continue safely generating low carbon electricity at Hinkley B for many years to come."

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