

Hinkley Point B power station

October 2016 monthly report

Introduction

This is our latest monthly report, sharing news with our local community stakeholder groups and local councils. This forms part of our commitment to being an open and transparent business. These reports are also available to all members of the public on www.edfenergy.com website. This newsletter covers **September 2016**.

Safety update

We measure our safety performance against top tier indicators, including nuclear reportable events, environmental events, and staff and contract partner recordable injuries. It is now over nine years since we experienced a nuclear reportable event and over seven years since our last environmental event. It has also been over 1,000 days since the last lost time incident to one of our contract partners.

Station generation

Reactor 3 has nominated at nominal full load throughout the month, and has been online since 7 August 2016.

Reactor 4 / turbine 8 operated at nominal full load throughout the month, and has been online since 1 July 2016.

Station news

Visitor centre celebrates 50,000th visitor milestone

September saw the Hinkley Point visitor centre welcome its 50,000 visitor through the door. The interactive centre which is based in a shopping centre in Bridgwater opened in December 2012, and since then has proved extremely popular with people of all ages and has developed into a focal point for all EDF Energy enquiries in Somerset. As well as catering for those interested in nuclear power and visiting Hinkley Point B, the visitor centre brings together different strands of EDF Energy's business. Due to the location there is much interest in nuclear new build and the centre contains a wealth of information and regularly hosts public engagement sessions on the project and future careers. One of the successful initiatives introduced at the visitor centre has been the launch of a service where local customers can drop in and talk face to face with a customer services representative about their tariffs, electricity bills, and any questions they might have. Tours of Hinkley Point B have also proved extremely popular, and since the centre opened over 10,300 people have visited the power station.



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World Association of Nuclear Operations (WANO) Peer Review Visit

An international team of nuclear experts spent a week at Hinkley Point B in September as part of a WANO follow up Peer Review. The team of six international experts spent time reviewing the progress made against specified objectives and criteria since the station's last full WANO Peer Review in December 2014. At the end of the week the team concluded that the station was making good progress.

WANO was formed in 1989 to encourage nuclear operators worldwide to exchange operating experience in a culture of openness. A WANO peer review is conducted at each nuclear power plant every four years and identifies a number of areas for improvement.

Company news

Final contracts signed for Hinkley Point C

Contracts for the Hinkley Point C nuclear power station in Somerset have been signed. The signings took place between the Secretary of State for Business, Energy and Industrial Strategy Greg Clark, EDF group Chairman and CEO Jean Bernard-Levy and CGN Chairman He Yu. French Foreign Minister Jean-Marc Ayrault and the Administrator of the Chinese National Energy Administration Nur Bekri attended the ceremony.

The event marks the end of the project's development phase following years of rigorous preparation and planning. The signing formally relaunches new nuclear construction in the UK and Europe and will provide a significant boost for industry in Britain and France. The plant's two EPR reactors will provide reliable, low carbon electricity to meet 7% of the UK's future electricity needs. Their construction is a major step forward in the fight against climate change.

Heysham 2 ends record breaking run for planned maintenance shutdown

Heysham 2 nuclear power station's record-breaking reactor has been taken out of service for a planned maintenance programme. One of the two units at the Lancashire station was turned off for planned maintenance on Sept 16 after 940 days of continuous operation. This record run beats a record previously held for 22 years by the Pickering nuclear power station in Canada.

During the run the reactor produced over 14TWh, enough low carbon electricity to power 3.4m homes for a year, while avoiding around 7.5m tonnes of CO2 emissions.

Since EDF Energy took over its UK nuclear power stations in 2009, safety performance has increased by 51%, output has increased by 50%, and their lifespans have increased by 25%. Earlier this year EDF Energy announced new extended scheduled closure dates for four of its nuclear power stations, with Heysham 2 now scheduled to operate until 2030, an extension of seven years.



Lewis Wind Power buys Uisenis Wind Farm

Lewis Wind Power (LWP), a joint venture between Amec Foster Wheeler and EDF Energy Renewables has bought the Uisenis Wind Farm project on the Isle of Lewis.

The wind farm has planning consent for the development of 45 turbines with a maximum capacity of 162 MW. This would be enough to power 124,000 homes and would be the biggest renewable energy development on the Western Isles. LWP owns the Stornoway Wind Farm project located around 20km to the north of Uisenis which has planning consent to develop 36 turbines to a maximum capacity of 180 MW – enough to power 135,000 homes.

The acquisition shows LWP's commitment to developing low carbon renewable energy on the Isle of Lewis offering significant benefits for the community. The joint capacity of up to 342MW is a crucial part of building the case for an interconnector to the Scottish mainland which is estimated to require over 350MW of committed project power to be viable. The interconnector is essential to make sure electricity can be exported from the island to the wider UK electricity grid.

Next local community meeting

The next Site Stakeholder Group meeting will be held on Friday 28 October 2016 from 10am to 1pm at Hillhouse, Otterhampton.

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