

Sizewell Stakeholder Group

Sizewell B report – June 2022

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1. Safety performance and staffing

Station Safety Performance

We measure our safety performance against top tier indicators, including nuclear reportable events, environmental events, and staff and contract partner recordable injuries.

During the period of the report there have been:

- No recordable injury
- No nuclear reportable incidents
- No environmental incidents

Staffing at Sizewell B

We currently have **534** EDF staff this includes **13** Apprentices, **2** Industrial placements, **5** Technical Trainees, and **10** Visitor Centre staff and 250 year round contracting partner's.

2. Operations

Sizewell B performance

The reactor automatically shut down safely on Monday 18th April after an instrumentation fault. The station has a range of electronic instruments which monitor the plant to ensure it operates within safe parameters (e.g. temperatures, pressures, flows etc.). If a fault occurs in these instruments they will fail safe and in some cases will cause the plant to shut down. That is what happened in this case. At no time was there any risk to the plant, personnel or the public.

Following investigation, all identified faults have now been successfully resolved, repaired and the system declared operable. The reactor and Turbine 2 at the power station were synchronised to the national grid at 05:36hrs on Friday 22nd April and Turbine 1 was brought back on line the following day, returning the station to generating at full capacity.

3. Sizewell B and community news

Sizewell B starts review to extend operation by 20 years

EDF is looking at extending the operational life of Sizewell B power station by at least 20 years, from 2035 to 2055. This will protect jobs and importantly the UK energy security as the site provides 3% of the nation's electricity demand.

As a low carbon electricity generator, Sizewell B's long-term operation will be key in supporting the UK's 'Net Zero' climate change ambition. By 2028 Sizewell B will be the only operating nuclear power station from the existing fleet. Together Sizewell B, Sizewell C and Hinkley Point C could deliver reliable low carbon power for more than 15million homes and enable the growth of the UK renewables sector.

A final decision will be made by EDF in 2024, which would then be followed by the required capital investment in the plant, safety enhancements and obtaining the necessary approvals.

This is the start of a robust process which will involve key partners including Westinghouse, Jacobs, GE and Framatome, some were involved at the start of the station's operation.

Sizewell B will engage with industry regulators the Office for Nuclear Regulation and the Environment Agency throughout the process. Equipment will be systematically checked and the station and partners will identify the areas where investment will be required to maintain safe and reliable generation, should the decision be taken to extend the station's life to 2055.

Dry Fuel Storage at Sizewell B update

During the final stage of processing one of the fuel storage casks, an anomaly was identified in the form of a pin hole in the cladding of a single fuel pin. This was detected through sample analysis of the Helium gas that is used to cool the fuel inside the cask which is part of the normal monitoring process. This is not an uncommon issue for dry fuel store users around the world.

The fuel remains safely contained inside the sealed fuel storage cask which remains inside the fuel pond building on site and meets all station and regulatory requirements for storage.

Our fuel experts continue to develop the optimum solution for processing this cask. The cask will only be moved to the Dry Fuel Store if it meets stringent safety case requirements for storage.

Our independent regulator, the Office for Nuclear Regulation (ONR) and the Environment Agency are being kept updated.

Relocated Facilities at Sizewell B

Excavation of the relocated facilities site is continuing to progress with breakout of the old reservoir walls and infill reaching completion. Top soil deposition to EDF land north of the Sizewell B site for use as part of the Sizewell C project continues alongside this. The works are being carried out by Imtech and numbers remain at approx. 10 people on site.

Negotiations for utilisation of land within Sizewell A in preference to Pill Box Field, are progressing well.

Easter fun at the Sizewell visitor centre

During the Easter holidays over 60 children along with enthusiastic adults came along to join in with science activities.

Special Easter themed workshops mixed learning about clean electricity generation and splitting the atom with cracking clues to find Easter eggs around the exhibition centre.

Since reopening the Visitor Centre in early 2022 following the pandemic, the station guides have engaged with over 3,000 people, including schools and community groups through both outreach events and 780 of those have taken part in the power station tour.

The Visitor Centre continues to be a popular choice with local schools and colleges to enhance the school curriculum and is currently fully booked until the end of this academic year.

The Sizewell visitor centre is open to the public from 9am to 4.30pm Monday – Friday. To arrange a tour of the power station email Sizewellbtours@edf-energy.com

Communities benefit from Sizewell B Sponsorship fund

Summaries of projects awarded to date in 2022 totalling **£4,680:-**

• Leiston Community Land Trust – powder coating Leiston archway	£980
• Alde Valley Academy – Awards Evening	£1,000
• Aldeburgh Carnival – carnival floats awards	£500
• Pear Tree Fund - Halesworth sponsored hole for golf fundraising event	£100
• Henham Steam Rally – ‘Steam Through the Ages’ education day	£750
• Friends of Sibton Church – carpark resurfacing	£500
• Saxfest Music Festival community event	£750
• Rendham Village Fete	£100

4. Company News

EDF comments on British energy security strategy

EDF welcomes the Government’s ambition for further investment in wind, nuclear and solar. EDF is focussed on that future today.

We are delivering our new nuclear power station at Hinkley Point C and working hard, with Government, on a replica at Sizewell C. These are key foundations for further plans for nuclear. EDF is also looking at extending the operational life of Sizewell B power station by at least 20 years, from 2035 to 2055. Together Sizewell B, Sizewell C and Hinkley Point C could deliver reliable low carbon power for more than 15 million homes.

EDF Renewables’ offshore wind project Neart na Gaoithe in the Firth of Forth is under construction and our Gwynt Glas floating offshore wind project in the Celtic Sea is in development. EDF Renewables has 2GW of onshore wind and 3GW of solar in the development pipeline.

EDF is also industry leader on the Energy Company Obligation, installing energy efficiency measures for customers in need. Better insulation is key to reducing Britain’s dependence on imported gas and to lowering bills, and is especially important ahead of next winter. The value of insulation increases significantly as bills rise: When bills were at £1,200 per year, loft insulation saved £165 a year. Against a £2,000 bill, savings are £250 a year. In his Spring Statement, the Chancellor announced VAT relief for energy saving measures, which we welcomed. We would encourage a further push on energy efficiency.

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