

Community Newsletter March & April 2024

Station safety performance and operations

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 injuries
- No nuclear reportable incidents
- No environmental incidents

Sizewell B has operated at around full capacity during this period providing low carbon electricity to over 2 million homes.

Please click on the link below for a daily update of the status of our nuclear power stations. The link will show which nuclear reactors are in service and what they were generating at the time the information was updated. You can also see which reactors are out of service, what the reasons are and when we expect them to return to service. In addition, we have included the expected timing of the next statutory outage of each nuclear reactor. <http://www.edfenergy.com/energy/power-station/daily-statuses>

Staffing at Sizewell B

We currently have **617** EDF staff this includes **13** Visitor Centre staff, **17** Apprentices, **3** Industrial placements, **3** Technical Trainees and **300** year round contracting partner's.

Long Term Operations programme

EDF is fully committed to progressing the work required to extend Sizewell B out to 2055. As well as finalising the technical case, we will be seeking greater cost certainty and confidence in the long term commercial case to enable a final investment decision.

To support this programme of work we will be increasing our headcount by 10% and work is progressing well with preparations and planning to date.

Sizewell B Refuelling Outage 2024

Sizewell B power station will be brought offline on **06 October 2024** to begin its nineteenth refuelling and maintenance outage, as planned.

During the outage period, which is expected to last 60 days, they will carry out over 12,000 separate pieces of work which have been carefully planned during the last two years.



As well as refuelling the reactor, we will also deliver £60million investment programme and routine maintenance work during the outage:-

- Turbine Generator rotor replacement – 3 x low pressure and 1 x high pressure
- Thermal Sleeve inspection
- Inspection of primary circuit pipework

The power station will once again work alongside a local supply chain in addition to international partners.

Preparation work for the outage begins at least two years in advance of refuelling the reactor as part of a ten-year strategic plan at the power station.

Sizewell B and the Community

Sizewell A and Sizewell B sign land deal for community benefit

Sizewell A and Sizewell B have signed a land deal that will prevent development on a greenfield site in Sizewell.

Sizewell B is currently relocating some of its existing buildings to make way for the construction of Sizewell C. Whilst consulting with local communities on the project Sizewell B was asked to explore the use of land owned by the decommissioning power station next door, Sizewell A.

Both organisations were determined to reach an agreement to benefit the local community and have now entered a formal option for EDF to buy the land. The land owned by Nuclear Restoration Services, the organisation responsible for decommissioning Sizewell A, is no longer needed as the station is being taken down following decades of successful low carbon generation.

Securing land on the original Sizewell A complex means we no longer need to develop the greenfield land at the entrance to the Sizewell estate (Pillbox field).

Relocated facilities update

Work continues to progress well in all areas.

New training facility roof and concrete to all floors complete. Floor screeding to all floors is complete and Ipswich based companies Bower & Fuller and SCL are undertaking internal fit out. External cladding of the building is well underway by Cambridge based company, Camclad. Glazing work continues by All Glass, Rendlesham.

Installation of the steelwork structures for the new administration building and the new outage store is complete. The administration building roof is complete and remaining concrete to floors in both buildings is in progress by Norfolk based company Anglia Formwork. External cladding works to the outage store is now in progress.





Installation of the steelwork structures of the three facilities has been carried out by Norfolk based company Wall Engineering and scaffolding for the works is being carried out by CJB Scaffolding of Beccles - all of the above companies are working for Suffolk based Barnes construction.

Construction of the new visitors centre is due to commence later this year.

Amenity and Accessibility funds local projects

An annual grants scheme set up when construction of a Dry Fuel Store at Sizewell B power station began has awarded funds to eleven local projects.

The Suffolk & Essex Coast & Heaths National Landscape Amenity & Accessibility Fund aims to improve the environment and natural character of the area by conserving habitats and species and improving sustainable access to the area.

Projects awarded this year totalling £27,856 are:-

- The Parochial Church Council of St James Church Dunwich £1,740 - Buttress of All Saints Church - new plaque.
- Waveney Bird Club £2,200 - Eels Foot, Eastbridge Swift Tower.
- Dunwich Greyfriars Trust £1,800 - New durable information boards at Greyfriars Monastery.
- GreenSnape Community Group £891 - Snape Common Enhancement for Community and Wildlife.
- The Art Station £2,000 - Welcome Walks aimed at targeting people who haven't before been into the National Landscape and experience more challenges to accessing the natural environment.
- Southwold Town Council £1,990 - Ferry Road Community Garden, Southwold.
- National Trust Sutton Hoo £600 - Sutton Hoo people counter to be installed on the lower track at Sutton Hoo, enabling the National Trust to monitor footfall.
- Mabel & Co £2,500 - An expansion of the Ephemera photography project.
- Wardens Trust £2,500 - Wardens Trust, Paddock landscaping & Accessibility, ensuring it is accessible to all, provision of Benches, BBQ area & bird boxes.
- RSPB £10,000 - Reducing the carbon footprint of Minsmere Visitors: Installing new and improved electric vehicle charging points for RSPB Minsmere visitors.
- Woodbridge Swifts £1,635 - Information board for Market Hill Woodbridge.

You can find out more information about the various grants that are open and available at:
<https://coastandheaths-nl.org.uk/managing/grants/>

Sizewell B connects the past with the present - supporting 80th anniversary of D-Day landings

The 80th anniversary of the D-Day landings is a momentous occasion, and the Leiston cum Sizewell council plans for a tribute evening, 06 June on Sizewell beach with lighting of the beacon across the nation, are commendable.



Sizewell B engineering apprentices Matt Woolf and Charlie Mallett, have been involved in designing and manufacturing the beacon, with support and advice from their colleagues.

Apprentice Matt Woolf, said: “It means a lot to be able to support this project. It gives me an opportunity to deepen my understanding and appreciation of what happened on D-Day, as well as to enhance my design engineering skills at the same time.”

The beacon, as a symbol of light and guidance, serves as a fitting homage to the heroes and heroines of D-Day. The involvement of Sizewell B apprentices in creating the beacon is a meaningful way to connect the past with the present, ensuring that the legacy of those who served continues to be honoured by new generations.



Sizewell B apprentices Matt Woolf and Charlie Mallett

The collaboration between the council, our apprentices, and Sizewell B demonstrates a strong community spirit. The beacon lighting is a poignant symbol of remembrance and unity, and it's a great way to honour such an important day in history.

Working with Marine and Wildlife Rescue

Three seals have been contentedly residing in the Sizewell B forebay area for several months. The seals accessed through the intake tunnel which brings seawater into the power station, and which ordinarily prevents sea life of this size from entering. We've been working very closely with Marine and Wildlife Rescue to monitor the seals and to help deliver them safely back to the sea when possible.



A rescue attempt was planned for the w/c 8 April, but had to be rescheduled because of weather conditions a further attempt was made w/c 22 April supported by the Marine Wildlife Rescue, on this occasion it did not result in success. Subsequently, we were saddened to discover that one of the seals had died before a further attempt could be made to return them to the sea. We worked with Marine Wildlife Rescue to collect the seal, and both remaining seals are healthy.

We have investigated the area where the seals were able to access through the intake tunnel, and will be able to undertake a more detailed analysis in October when the power station is taken offline for scheduled refuelling and maintenance.

Sizewell B hosts visit from California Foundation on the Environment and the Economy

During March, Sizewell B hosted a delegation of 32 visitors by CFEE (California Foundation on the Environment and the Economy).

The CFEE brings together leadership from the labour, environmental, local government, and business communities with elected and appointed officials to facilitate non-partisan, substantive, and productive dialogue that moves policy on fundamental environmental and economic issues in California. Their roles are within California State Government, State Senate, State Assembly and Board of Directors.

The Foundation sponsors international trips to learn about best practices, new technologies, and to build partnerships across the world with political and policy leaders in California.



Sizewell Visitor Centre welcomes young 'egg-splorers' to Easter fun activity day

Sizewell B Visitor Centre welcomed over 130 children, parents and grandparents to an Easter themed activity fun day, during the school holidays.

Families escaped the British April showers as the visitor centre was transformed with Easter bunting, daffodils, bunnies, eggs and chicks for the spring holiday themed fun day.

As well as going on an Easter egg hunt, visitors took part in science experiments, craft activities and building electrical circuits.



A biodegradable bunny themed egg-basket craft session enabled participants to get creative and personalise their own egg carrier. Once constructed they were able to design their own chicks to sit in the basket and learn about how the Containment Dome at Sizewell B is based on one of the strongest shapes found in nature – very similar to bird’s eggs! A practical demonstration by our visitor centre guides helped show just how strong eggs and domes are by placing several kilos of metal bolts on top of a set of four chicken eggs without breaking them. The eggs were then tested to their limits by our young egg-splorers!

Sizewell B Visitor Centre supports Sizewell C partnership with Project 21

To mark World Down’s Syndrome Day in March, Sizewell C announced a partnership with the charity, Project 21, which runs activities and arranges work opportunities for people with Down’s Syndrome, supporting them to lead happy and fulfilled lives.



The first placement is with Andreas, who has been carrying out work experience at Sizewell B Visitor Centre, and Sizewell C are offering five more placements for the coming year. The partnership includes funding for one full-time colleague to oversee the placements and provide support over the next two years.

Company News

Sizewell C agrees deal with EDF for purchase of power station land

In March Sizewell C signed a deal with EDF for the freehold of the land which will be used to build the new nuclear power station on the Suffolk coast.

As a standalone company, majority owned by the UK Government, Sizewell C Ltd is required to purchase the land before it can be eligible for a nuclear site licence, after the Office for Nuclear Regulation (ONR) completes its ongoing assessment. Most of the land will be used for the construction of the power station buildings, including the two reactor units (EPRs). The surrounding area will provide space for new wildlife habitats, a temporary construction site, and an accommodation campus for 2,400 workers.

Once construction of Sizewell C is completed, the majority of the newly purchased land will be restored to grassland, heathland, scrub and deciduous woodland. In the long-run, Sizewell C is expected to boost local biodiversity by 19%.



The announcement comes after Sizewell C officially entered the construction phase in January. An equity raise process to help finance the project is continuing to make good progress and a Final Investment Decision is expected later this year. Sizewell C has been jointly developed by EDF and the UK Government - the Government is now the majority shareholder and is currently investing a total of £2.5bn in financial support for the project.

Sizewell C will be one of the UK's biggest clean energy projects, providing low carbon electricity to six million homes for at least 60 years. It will save nine million tonnes of CO2 emissions for every year of operation. At least 70% of the construction value of Sizewell C will go to UK companies. The project will support thousands of British jobs and create 1,500 apprenticeships. It will continue the transformation of British nuclear skills and training started by Hinkley Point C in Somerset.

Sizewell C is determined to bring as much benefit as possible to local communities and to continue Sizewell B's strong track record in protecting the local environment. At the start of the construction phase in January, a £250m package of funding was activated to support a wide range of community projects and set up an environment trust. Four new community forums have also been launched so that residents can discuss key issues with the project team.

Next local community meeting

The next Sizewell A and B Site Stakeholder Group meeting will take place on **Wednesday 22 May 2024, Sizewell Sports and Social Club @9.30am**. For further information please follow the link on the [Nuclear Restoration Services](#).

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