



Sizewell C
The power of good for Britain

Employment & Training Prospectus

2023 – 2024

Powering your future career

Sizewell C is the proposed new nuclear power station in Suffolk which will supply around six million homes with low carbon electricity for at least 60 years.

Home grown nuclear generation is needed because it's available 24/7 and will balance a future low carbon energy system dominated by weather-dependent renewables. It is also vital to helping the UK meet its net zero targets. Climate change is posing the biggest threat to nature and new nuclear will help the UK reduce its reliance on fossil fuels and help protect the planet.

The existing nuclear fleet has generated between 15-20% of the UK's electricity for decades and has produced more low carbon power for the UK than any other technology.

Together, Sizewell C alongside sister project Hinkley Point C and the operating power station Sizewell B will provide enough low carbon electricity for 15 million homes, filling the gap created by the current fleet of stations coming to the end of their operational lives.



We are very pleased to present the third edition of the employment and skills prospectus for the project.

By working at Sizewell C you will be taking part in one of the biggest net zero projects in the UK and making your own contribution to fighting climate change. We need you to help us deliver this project which will be the second new nuclear power station to be built in the UK since Sizewell B was switched on back in 1995.

Hinkley Point C in Somerset is now six years into construction, and we have learnt so much about the skills we need, and the opportunities projects of this scale will deliver.

Some apprentices from Suffolk have already started their journey with us by joining colleagues at Hinkley Point C to learn their craft before returning to us to work on Sizewell C at a higher level. Some colleagues at Hinkley Point C joined the Sizewell B team during this year's refuelling and maintenance outage, they are learning skills which will help them when we switch on Hinkley Point C. That is one of the many great things about this industry, you can move around and gain experience and share knowledge.

Whatever your interest, we are sure there will be a role to suit you with the project and where you start doesn't determine your long-term future with us – progress and opportunities are yours for the taking.

We have a range of options to join the project from intern placements through to apprenticeships and full-time work. Take a look at the Sizewell C website for more details or come and visit the team at the Sizewell C Information Centre in Leiston.

Nigel Cann and Julia Pyke
Managing Directors, Sizewell C



What equity, diversity and inclusion means to Sizewell C

We want Sizewell C to have a workforce that reflects the society we are part of and serve. It's an important part of our commitment to 'do the power of good' for Britain.

At Sizewell C, we're doing this by creating an environment where our workforce understands, respects and embraces diversity, where everyone is treated with equal respect and given access to opportunities.

Our Diversity & Inclusion Charter provides the principles to ensure that we all feel valued, encouraged and supported and that Sizewell C is, and remains, an inclusive place to work. These principles are:

- 01 Gender Balance
- 02 Pride (LGBTQ+)
- 03 Disabilities, Carers and Parents
- 04 United for Race Equality
- 05 Mental Health Support Group
- 06 Next Generation Young Professional Network
- 07 Forces Support Network



Sizewell C HR Director, Sarah Hancock (centre) with Sizewell C's Jack Raven (left) and Chris Young (top left) who worked on an MoU for social partners pictured at the Suffolk Show.



Sizewell C's Tyrell Charles with Rachel Kerry, Sizewell C Head of People and Nureen Lakhani at the 2023 Inclusion and Diversity in Nuclear conference

The power of good for Britain

Career opportunities

Nuclear offers long-term, well-paid careers across a vast range of skills and disciplines. As the next project to get underway, Sizewell C is a great opportunity for anyone considering working in our industry.

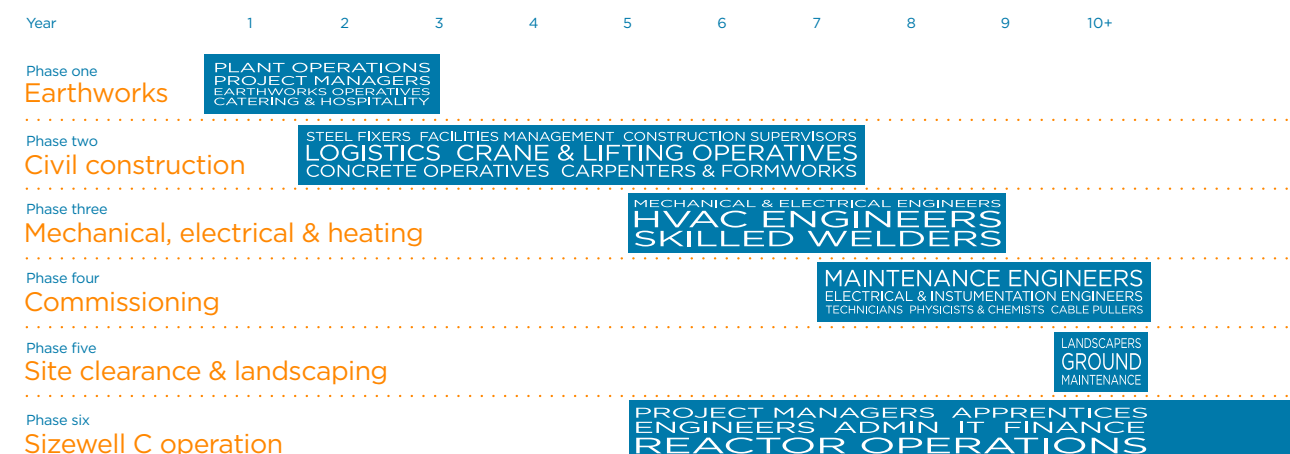
Jobs and training for all skills and backgrounds

There will be a broad range of roles available as you can see over the next few pages. The skills we need will change at different stages of the project so it's worth planning ahead when thinking about the courses you may want to choose. And it is not just during construction. When complete, Sizewell C will have an expected workforce of 900 people to run the power station through its 60-year operation.

Sizewell B, our operating power station on the Suffolk coast, already provides long-term rewarding careers and we want Sizewell C to continue that legacy for years to come. The roles we create are vital for delivering the homegrown low carbon energy generation needed to tackle climate change and deliver energy security.

The construction and operation of Sizewell C will create job opportunities at each stage of the project. You can find out more on our website where we have a Careers Portal which describes the sorts of roles we will need and a Jobs Service which shows the available posts at Hinkley Point C and at Sizewell C. We also have a special jobs and information service called Young SZC for young people living in Suffolk, Norfolk and Essex.

For more information see:
www.sizewellc.com/jobs



Sizewell C JOBS SERVICE

The Sizewell C Jobs Service

Our knowledgeable, friendly teams are dedicated to helping thousands of people into employment and training at Sizewell C.

Even though Sizewell C has not started construction, the Jobs Service has been set up to help people prepare for the opportunities that will quickly become available. The Jobs Service also provides access to opportunities that are available at Hinkley Point C in Somerset.

If you are interested in working with us, it is vital that you register with the Sizewell C Jobs Service, even if you have been in touch with us before. You can access the Jobs Service on the Sizewell C website: www.sizewellc.com

We are already working with local training providers to help people develop the skills we will need on the project and you can find out more in this prospectus.

By signing up to the Jobs Service, not only will you be the first to hear about upcoming opportunities at Sizewell C, but we will also inform you about jobs at our sister project, Hinkley Point C in Somerset.



Young
Sizewell C

YOUNG
Sizewell C

If you are aged between 16 and 21 and living in Suffolk, Norfolk or Essex, you can sign up for updates on Sizewell C.

The Young Sizewell C programme helps connect young people to in-demand career and apprenticeship opportunities in the region. We are working with our employment and training partners in the region to help create opportunities and improve access to training even before construction at Sizewell C gets underway.

Whether you're still at school or college, in or out of the workplace, we want to help you fast-track your future, you can sign up for more information at sizewellc.co.uk. Want to find out more in person? Head to the Sizewell Visitor Centre which is next to Sizewell B. Our information guides can even arrange a tour around the operating power station too. 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 or call 01728 653974.

Early apprenticeships

At Sizewell C, the project has already funded over 20 apprenticeships and 50 work placements within the project and committed in excess of £385,000 as part of the Apprentice Levy transfer scheme which sees other local firms benefiting from funding.

This is all in advance of the release of the £24m skills-related support Sizewell C will provide within a £250m package of funding for local communities as part of the Development Consent Order.

A Sizewell C and Hinkley Point C contractor, Altrad Babcock, has held assessment centres with local colleges over the last two years which has delivered six apprenticeships in welding and pipe fitting. In April a further 22 candidates from Suffolk Colleges were assessed and interviewed for apprenticeship opportunities.

This year, working alongside our contractors, we will be looking for more local people to join our team on a Countryside Worker Apprenticeship and a Human Resources Apprenticeship. Sign up with Young Sizewell C and the Jobs Service to find out more.



First roles that will become available

Steel Fixers

Steel fixers use steel bars and mesh in reinforced concrete to strengthen buildings and other big structures. They work closely with engineering designers, steel erectors and other construction workers on high rise buildings, on a variety of construction sites or on other structures.

Concrete Placement and Concrete Dry Finishers

Concrete is an important aspect of the Sizewell C project as it provides the support, containment and radiological shielding of the nuclear areas of the station. Operatives will oversee tasks including concrete pouring, compacting, spraying, finishing and levelling to ensure that there are no cracks or gaps.

Hospitality

Roles in hospitality such as chefs and catering assistants will ensure that eating areas are clean, appropriately presented and stocked, and operate tills as required. They will ensure that all health and safety regulations are adhered to.

Concrete Mixer Drivers/LGV Drivers/Shunter Drivers/Light Vehicle Drivers/Minibus Drivers/Escort Drivers/Road Sweepers/Trainee Drivers

Drivers are responsible for transporting staff and supplier personnel on different routes for Sizewell C whilst providing good customer service and a safe and comfortable journey. Programmes are available to enable trainee drivers to become fully licensed with PCV and CPC qualifications. These courses usually take around five weeks to complete.

From the start of construction we will need a diverse range of skills from construction and engineering through to catering and hospitality.

Plant operators 10t+ and below including Lifting Accessories/Ride on Roller/Dumper/Forklift Truck/Telehandler/Merlot including 360/ADT/Shovel Operators/Tower Crane Operator/Crawler Crane Operator/Spider Crane Operator

Plant operators will drive and operate equipment including large earth-moving trucks, forklifts, cranes and special purpose machinery. The equipment will be involved in excavating, digging trenches and general earth and plant-moving operations.

Formwork Shuttering Carpenters including Bench Work

Carpenters and joiners work with all types of wood to design and construct structural trusses and architectural features on a wide range of construction projects.

Industrial Coatings Operatives and Specialists

Coating Operatives apply heavy-duty coatings to steel, concrete and structures. Most work is carried out indoors, but painters should also be prepared to work outside.

Security Officers

Security teams conduct duties at the site's main entry point, search procedures, high visibility patrols, produce incident reports and support the emergency services.

Site Engineers and Chainpersons

Site engineers work alongside other team members to set out the plans for important aspects including roads, drains, sewers and structures. They are responsible for coordinating different trades during the construction phase. The chainperson assists the site engineer or surveyor.

Logistics Technicians

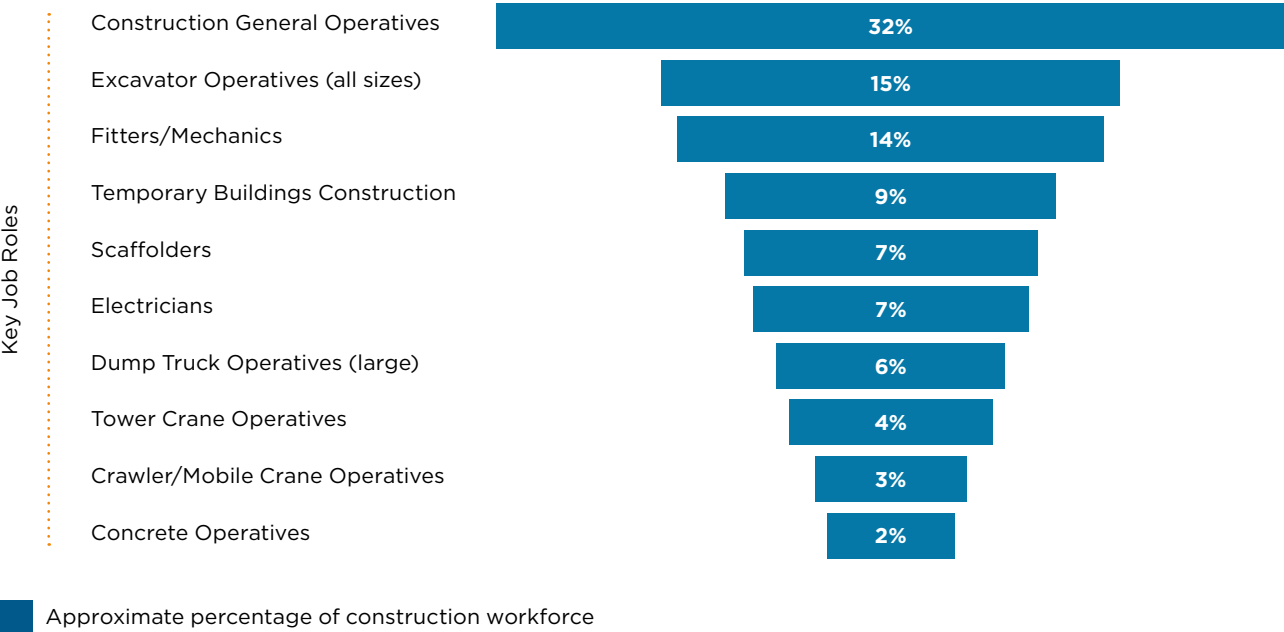
Logistics Technicians make sure goods reach customers on time by handling warehouse facilities. Essential work responsibilities of a Logistics Technician are receiving incoming goods, managing inventories, updating property management databases, solving customer issues and assisting with supply procurement.

Different skills for different phases of the project

Enabling Works/Site Operations/Support Services

Characterised by the creation of roles that support the long-term operation of the site as well as the initial earthworks preparing the foundations of the power station in readiness for main civil construction.

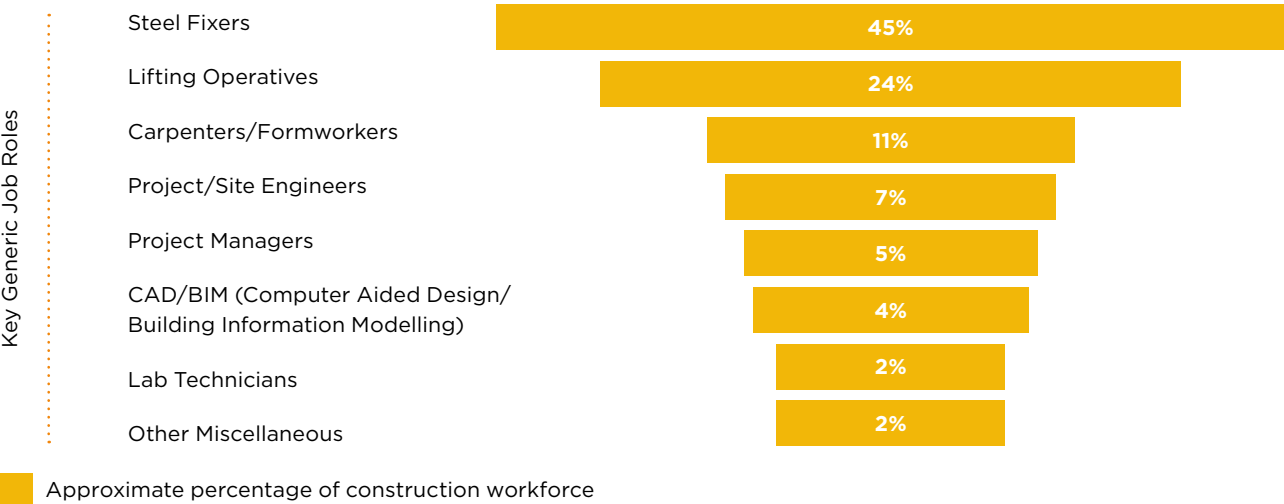
Site controls and administration, security and catering operatives, as well as project management, for example, are a component of this phase and all provide long-term jobs for the duration of the construction programme.



Main Civils Construction

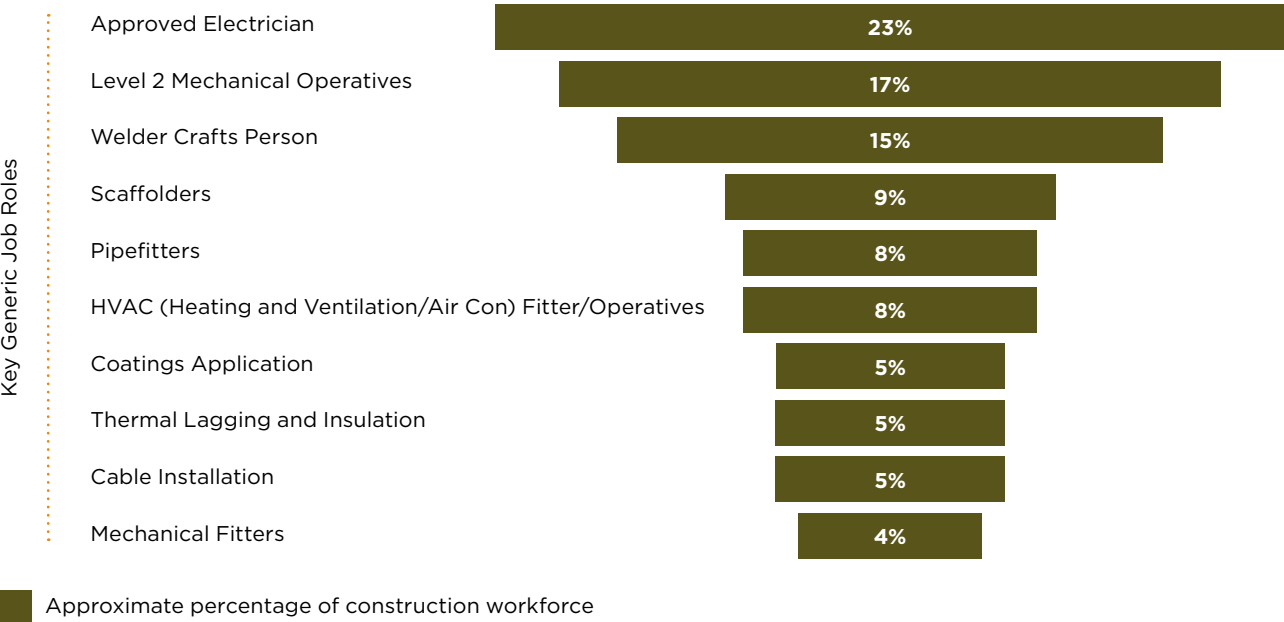
Creating the main sub-structures and superstructures of the power station, which will include construction of the nuclear island (reactor building), conventional island (turbine and generator building) and marine / cooling water works (cooling and tunnels).

This phase also includes construction of ancillary buildings such as emergency generator buildings, stores and facilities that are required to support the operation of the power station when complete. Dominant roles are construction and civil engineering.



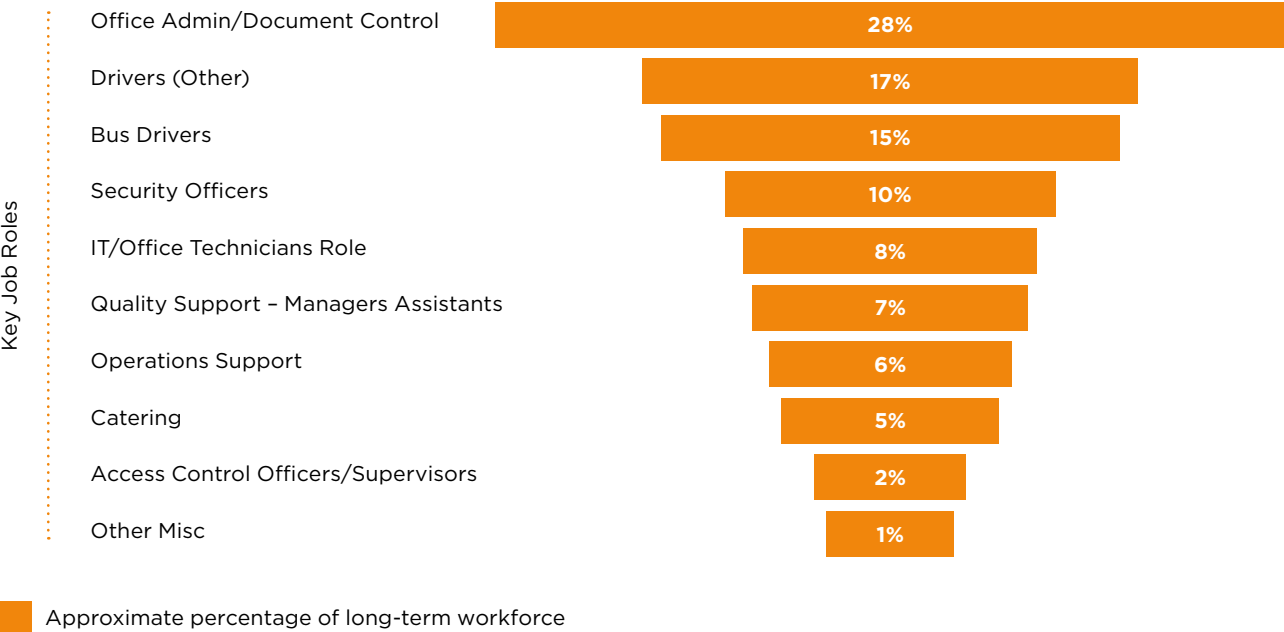
Mechanical, Electrical, Heat

This includes the installation of the mechanical infrastructure and operating elements of the power station during the second half of the programme.



Long-Term Support Roles

Set up during enabling phase and managed throughout project life.



Roles available throughout the build

Administrators

Administrators play an essential part in supporting specialist teams. They need to be extremely organised and have a good understanding of what colleagues require to enable works to happen on site.

Architects

Architects are needed to support a range of schemes that are coming forward in connection with Sizewell C, taking ideas through to finished design stage. They will choose the materials, finish, colour and functionality, whilst taking into account the regulations and environmental impact.

Cable Pullers

A cable puller is responsible for installing, maintaining and repairing electrical, telecommunications, fibre-optic and other cables in infrastructure and commercial premises. This role requires a keen eye for detail, as well as a good understanding of the relevant safety regulations.

Electrical Technicians

Electrical engineering technicians install, maintain and repair equipment and controls. They also calibrate, inspect and test equipment and machinery to make sure it works correctly and safely.

Pipefitters

Pipefitters work in a team with the pipework welders and are responsible for installing all of the piping systems on site. They install, assemble, fabricate, maintain and repair mechanical piping systems. The 'balance of plant of nuclear island' contract has 250km of pipes and 20,000 valves.

Planners

Planners work very closely with project teams to fully integrate all aspects of the job into one schedule of work. It is essential that all elements of the Sizewell C project are managed to time, cost and quality. As a planner you will play a critical role in ensuring that all components are delivered at the correct point in the programme.

Project Managers

Responsible for organising and managing teams to deliver a project on time, on budget and to the right quality. Projects can range in size from developing an online digital platform to the construction of the Beach Landing Facilities. Newly qualified project managers will deliver smaller tasks before progressing to more technically challenging projects.

Commercial Managers

Duties involve negotiating subcontracts and material orders and managing the commercial and financial aspects of their delivery. Commercial managers coordinate the financial and commercial aspects of a project, including verification of payment applications.

Steel Fixers/NVQ2 Qualified Steel Fixers Steel Fixer (no formal qualifications)/Steel Fixers Apprentices

The steel fixers work across Sizewell C on all the civil engineering elements. It is estimated that more than 1,000 steel fixers will be needed during the construction phase.

Welders/Trainee Welders/Workshop Welders

This is a highly skilled role involving welding plate, pipe or structural steel to join important components together. Welders will be needed during both the civil engineering and the mechanical engineering phases.

General Construction Operative Level 2

General construction operatives are involved in a range of practical tasks on a construction site, working on projects from foundation to completion. This includes preparing the site ahead of building work taking place, and carrying out manual work whilst a project is in progress.

Lifting Operatives

There is a wide variety of lifting related roles at SZC. Lifting equipment operators use and operate machinery such as cranes, cherry pickers, forklift trucks, scissor lifts, suspension equipment, telehandlers and suspension equipment to lift and hoist heavy loads.

Fitters and Mechanics

Perform planned and emergency repairs to all site equipment, machinery and plant. They support planned maintenance shutdowns and ensure that all work done by the team is carried out in line with safe practices and systems of work.

Level 2 Mechanical Operatives

Supporting key Mechanical Trades such as Welding, Pipefitting, Coatings, Plating, Insulation Installation and Rigging. This is an entry level role into Mechanical and Electrical occupations and can lead to an apprenticeship or supervision role.

Sizewell C
JOBS SERVICE

Register for updates at
www.sizewellc.com/jobs

YOUNG
Sizewell C

Find out more at
www.sizewellc.com/young-szc

Sizewell C early careers

There are lots of routes into a project like Sizewell C that will lead you to learn new skills and get paid whilst you gain a qualification. We aim to recruit 1,500 apprentices covering a range of skill sets from civil engineering to catering so there is something for everyone.

Meet some of our people



Ben - Industrial Placement

Ben is on an Industrial Placement with Sizewell C. He joined the Regional and External Affairs team based in Leiston for a one-year placement from the University of East Anglia where he is studying Environmental Science.

Speaking about the placement, Ben said: "Working at Sizewell C has been both rewarding and valuable for me. From day one I have been given the opportunity to work on meaningful projects that benefit the company and strengthen my educational and professional development. I have had the pleasure of collaborating with my colleagues on challenges and projects, and networking with industry professionals at events. The team at Sizewell C has been incredibly supportive and welcoming, which has helped me feel like a valued member of the team. This placement has been an amazing experience and one that I will always cherish. I feel it has helped prepare me for a successful career within the energy industry."



Georgia - HR Apprentice

Georgia studied at Saint Felix in Southwold until she was 18, then tried a few jobs ranging from hospitality through to working with horses before applying for an apprenticeship with Sizewell C. She starts her Diploma in HR with Suffolk New College later this year.

Georgia says: "I am loving it here, it's fast-paced which is what I like and I get to be based near to where I live."



Kyle - Site Access Control Coordinator

Kyle grew up in East Suffolk, attending Thomas Mills High School and Suffolk New College and now works in the Security team based in Leiston. Following six years in the British Armed Forces deploying across the world for a variety of exercises and operations, Kyle joined G4S in 2021 as the Security Officer for the Sizewell C Information Office on Leiston High Street and was later promoted to Site Access Control Coordinator.



Joshua - Power Business Intelligence Developer

Josh followed in the steps of his dad and grandad who both worked on Sizewell B, he joined Sizewell C as a project controls apprentice. It is a three-year apprenticeship which he started at Hinkley Point C in Somerset and completed in Suffolk with Sizewell C.

"I graduated and am now a Power Business Intelligence Developer - that is a developer working with project managers across the business to create visually interactive reports that help keep us on budget and schedule, something which is important for a project of this scale.

"Before I joined the project, I studied Level 2 and Level 3 courses in science, IT, maths, game development, and engineering at East Norfolk Sixth Form College. The 3D modelling and code development in game dev has been useful for working on some of the 4D design of Hinkley Point C."

Early environmental work prepares for Sizewell C

It has been an exciting year on site since the last edition of the Sizewell C Employment and Training Prospectus - early works are well underway with the creation of a new wetland habitat for marsh harriers and other wildlife, the start of archaeological fieldwork, relocation of protected species and vegetation clearance. This work is already providing a range of jobs and more people will be needed. Below we showcase some of the people working on site, how they came to be working on Sizewell C and how you could join them in the future:

Archaeologists

Rhiannon Gardiner works out of Cotswold Archaeology's Needham Market office. Following a bachelor's degree in Archaeology at the University of Reading, and a master's degree at Leiden University, Rhiannon worked in Egypt and Italy before returning to the UK to join the commercial archaeology industry. Having worked for another archaeological unit previously, Rhiannon joined Suffolk Archaeology in 2017, who then merged with Cotswold Archaeology in 2019. Originally working as a field archaeologist, Rhiannon has worked her way up to her current level, where she is Project Delivery Lead for the archaeological fieldwork on the Sizewell C project. Here she is responsible for overseeing the day-to-day delivery of the archaeological programme, liaising with

the different teams involved in the project to ensure the completion of the project to the highest possible standard.

Cotswold Archaeology operates an award-winning Trainee Archaeologist Programme that has been developed with the flexibility to respond to a wide variety of individuals' education and work experience. You might be a recent graduate, with a degree or master's in a relevant subject; you may have graduated some time ago but never realised your ambitions to enter the profession; or you may have no formal archaeology-related qualifications but your passion and interest in the subject is attracting you to developing a career in the sector. The training includes all the core skills required to be effective as an Archaeologist, including excavation, drawing, photography and sampling.

For more information see:

www.cotswoldarchaeology.co.uk/careers

Habitat Creation

Dump truck drivers Rachel Zambra and Stephen Reid recently joined Essex-based Blackwells Earthmoving Limited's trainee scheme and worked on the habitat creation works for marsh harriers and other wildlife, moving soil from the excavation areas to the stockpiles.

The trainee scheme comprises two weeks intense training; a test; and then 2-4 weeks working with an experienced driver on site. After 2-3 months driving on site, trainees take the NVQ Level 2 plant diploma and secure their competent operator CPCS standard card. This allows them to work anywhere in the UK. Rachel and Stephen advise that a willingness to learn, work hard as part of a team, be safety focused and enjoy being outside (although the dump truck cabins have heating and air conditioning) is key to success. Now that the habitat creation work is finished, Rachel is keen to go back to college to train on a second category of plant. Stephen has recently been made Fire Marshal and over time would like to progress into a supervisory role.

Careers at Hinkley Point C

Hinkley Point C is providing industry placements for those studying T levels (the alternative qualification to A levels), apprenticeships and other 16-to-19 courses. Students are given a mentor and are prepared for future skilled employment.

Meet some of the team at Hinkley Point C



Milan - Hinkley Point C Support Operative, MEH Alliance

Milan worked as part of the NHS supply chain for 17 years, before searching for a more challenging role. He successfully completed Hinkley Point C's HSO Bronze programme and later enrolled on the HSO Silver programme to gain more specialised electrical training. Milan is now an Electrical Labourer.



Nicola - Welding Apprentice, Cavendish Nuclear

"My friend went straight into welding after school and she inspired me to do the same. She told me how lots more women are entering this line of work now, so I felt comfortable. I enrolled in a course at Bridgwater & Taunton College and later applied for an apprenticeship at Hinkley Point C. I am loving my course - I'm being shown all different types of welds and techniques. You can see Hinkley Point C from the beach at Brean - but going to the site itself is amazing. I can't wait to go there later this year for further training and put some of what I've learned into practice."



Matt - Level 4 Chef Apprentice, Somerset Larder

Matt used to work at the fast-food chain KFC, before becoming an apprentice with Somerset Larder, which provides catering for Hinkley Point C. He is being trained on site on the accommodation campus, cooking for hundreds of workers.

"Food is important to the workers because they need the energy. I'm pleased to be developing skills, while earning. The best bit is the progress I'm making - and seeing the workforce enjoy my cooking!"



Alex - T Level Placement, MEH Alliance

Hinkley Point C provides industry placements for people studying T levels, an alternative to A levels, apprenticeships and other 16-to-19 courses. Alex is studying Digital Production, Design and Development at Bridgwater & Taunton College. He has a mentor and spent a day a week with MEH Alliance - the main contractor on Hinkley Point C's next major construction phase, during his placement.

"Before I started my placement, I wasn't confident. The placement team welcomed me straight away, taught me loads and trusted me with important tasks. Placement day was my favourite day of the week and made me realise I want to become a Software Engineer and am capable of doing that."



Amal - Trainee Reactor Operator, EDF

A fifth cohort of Trainee Reactor Operators will join the project this year. Operators like Amal will control the reactors when Hinkley Point C is operational. Hundreds of people applied for 14 spaces during this latest recruitment drive.

"I applied for a graduate scheme with EDF because I knew I'd be able to move around the business and experience different things. After spending time in the Main Control Room at another EDF power station, I applied for the Trainee Reactor Operator scheme at Hinkley Point C. The training equipment on site is so advanced, it feels like we're getting world-class training. I'm now married and living in Weston - and looking forward to a long career at Hinkley Point C."



Tilly - Business Administration Apprentice

After finishing her GCSEs, Tilly wanted to enter the world of work straight away. After struggling to find a suitable position locally, she moved to Somerset to pursue opportunities at Hinkley Point C.

"I've never been academic and wanted to start my career straight after school. Moving away from home was scary but I'm ambitious and that kept me going. My apprenticeship at Hinkley Point C is everything I'd hoped for. I'm learning loads and gaining responsibility. My manager's adapting my course to accommodate my growing interest in engineering and science. I know I've taken the right path, and that my career will go from strength to strength here."



Beth and Charlotte - Nuclear Engineering Apprentices, EDF

Beth and Charlotte are Nuclear Engineering Apprentices from the East of England who both studied Engineering, Maths, Physics and Further Maths at University Technical College Norfolk, before starting their training at Hinkley Point C.



Beth said "My apprenticeship has been everything I hoped for and more! As my first academic year with EDF comes to an end I am looking forward to getting on site and applying the classroom knowledge I've learnt over the past few months."

Relocating Sizewell B buildings

A local workforce is helping to build new premises for Sizewell B to make room for the start of construction of Sizewell C. A new entrance road has been constructed along with the underground network of pipes facilitating the utilities for a new visitor centre, training facility and administration centre. Main contractor Barnes Construction from Ipswich is now on site and the new buildings are starting to rise from the ground.



New skills for all

Sizewell C and its Supply Chain partners are working closely with Further Education providers in Suffolk to ensure the skills are in place for local people to work with us on the project.

The partnerships support curriculum development and enhanced facilities to cater for new skills required for Sizewell C and other developments in the region.

Regional Opportunities

Did you know that the skills you need to work on Sizewell C are also going to be needed by other projects in the East of England? This is called legacy training – where a skill you will develop for one project can be used by others in the area.

So, don't just think about work with one project when you are planning your future. Think about a long-term career path. That's why we are working on training initiatives with other developers such as Vattenfall, Scottish Power, Morgan Sindall and Lovell because we all need many of the same skills.

Legacy roles that have been identified in this region:

- | | | |
|----------------|--------------------|---------------------------|
| • Steel Fixers | • Ecologists | • Plasterers |
| • Welders | • Site Managers | • Transport Drivers |
| • Pipefitters | • Project Managers | • Plant/Machine Operators |
| • Bricklayers | • Engineers | • Scaffolders |
| • Carpenters | • Draughtpersons | • Riggers |
| • Joiners | • IT Technicians | • Middle Managers |
| • Electricians | • Metal Workers | |
| • Scientists | | |

Visit www.suffolkgrowth.co.uk/technical-skills-legacy

Julia Pyke, Sizewell C MD, with Nikos Savvas, CEO of West Suffolk College, signing the Skills MOU.



Employment Outreach and Bursary Fund

Suffolk has a strong group of FE colleges and training providers and we will make investments to enhance their training where needed to ensure local people can gain the vital legacy skills the region needs. We plan to make a bursary fund available to help young people find pathways to work, and fund pre-employment and training outreach activities to maximise the opportunities for economically disadvantaged and hard to reach groups.

Sizewell C will need a diverse range of skills from construction and engineering through to hospitality and project management, and the Sizewell C Consortium of over 200 companies has signed a Memorandum of Understanding with the New Anglia LEP and FE Colleges to underline this commitment.

Here are some of the colleges and training establishments where you can learn skills that we and other developers in the region need.

Civil and Construction Operatives

Courses for scaffolders, riggers and staggers, road construction operatives, rail construction and maintenance, as well as courses for construction operatives.

CITB

Construction and Building Trade Supervisors

College of West Anglia

CITB

East Coast College

Colchester Institute

Suffolk New College

West Suffolk College

Electrical and Electronic Trades

Courses for electricians and electrical fitters, IT engineers, telecommunications engineers, electrical and electronic trades.

West Suffolk College

East Coast College

Suffolk New College

College of West Anglia

City College Norwich

Colchester Institute

Construction and Building Trades

Courses for steel erection, bricklaying, roofing, plumbing, heating and ventilation engineering, carpentry and joiners, glazing and window fabrication, along with construction and building trades.

West Suffolk College

Easton College

East Coast College

College of West Anglia

City College Norwich

Colchester Institute

Metal Forming, Welding and Related Trades

Courses for smiths and forge workers, steel plate workers, metal plate workers and riveters, welders and pipefitting, as well as mould, core makers and die casters.

West Suffolk College

College of West Anglia

Colchester Institute

East Coast College

Engineering Professionals

Courses for civil, mechanical, electrical and electronic engineers. Design and development, production process and engineering professionals.

West Suffolk College

University of East Anglia

East Coast College

City College Norwich

Colchester Institute

Anglia Ruskin

Cambridge Regional College

University of Cambridge

Suffolk New College



Access Community Trust and Inspire are working with Sizewell C to improve access to training in skills the project and wider region will need.

Taster courses will be delivered for young people not in education, employment or training (NEETs) to help develop high value skills such as welding, and also provide a broader introduction to the growing energy industry on the east coast. These courses include:

- Step Up to Clean Energy
- Step Up to Welding and Prefabrication

Access Community Trust is delivering pre-employment support to those out of work looking for their next opportunity.

Sizewell C working with the region

We want to make sure people living in the region benefit as much as possible.

Agreements are in place now between Sizewell C and all Further Education Colleges in Suffolk, including the University of Suffolk.

Here is a taster of the areas where we are working together:

East Coast College

We will:

Support the development of a Civil Engineering Campus at Lound as an offsite hub.

Provide hands-on support, scoping potential investment needs under the Sizewell C Asset Skills Enhancement Capability fund, and build key relationships with suppliers such as tower/crawler cranes, and construction plant and equipment to explore potential co-investment or in-kind support.

Work with the Energy Skills Centre at Lowestoft to identify potential new simulated environments for skills development, building on its existing bridge simulation suites. This could include, but not be limited to, immersive reality simulations for confined spaces, working at height and the promotion of behavioural safety.

Support the development of a Welding Centre, working with the College in Lowestoft and Great Yarmouth to expand its virtual and physical welding bay capacity and capabilities. This will include exploring potential funding partners such as industry foundations, associations and trusts. Explore potential synergies with the innovative training models used within Offshore Wind training, specifically in common areas of skills needed such as electrical, mechanical and project management.

National College for Nuclear

The agreement signed with the National College for Nuclear will ensure relevant content for courses that will be delivered by regional colleges, so skills are in place for local people to work with the nuclear industry.

It will be known as The Eastern Hub of the National College for Nuclear network of colleges that would facilitate courses for those keen to work in decommissioning at Sizewell A, operations at Sizewell B and new build with Sizewell C with an initial focus on Civil Engineering.

Suffolk New College

Suffolk New College is a leading regional skills provider, delivering modern, employer-led full and part-time vocational and technical education to 16+ learners and adults across multiple sectors at their sites in Ipswich, at Suffolk Rural and On The Coast at Halesworth and Leiston.

The November 2022 Ofsted report demonstrated that the college is a high quality provider of education and skills to the young people and adults in the region, with particular recognition for its 'Outstanding' delivery of Personal Development. Suffolk New College leavers not only have the technical skills required by employers, but also the key behaviours that make them so employable.

The College has a strong reputation for working closely with businesses to ensure the curriculum meets their needs. Aligned to a comprehensive development programme for staff and an innovative professional offer for employers, the entire college community is committed to lifelong learning to ensure local people can take advantage of the significant opportunities living in this region will bring. With state-of-the-art new facilities such as the Tech Campus, Net Zero Skills Centre and forthcoming Health Science Campus, Suffolk New College is the primary choice in south and east Suffolk, north Essex and into Norfolk.

West Suffolk College

The agreement in place covers West Suffolk College, One Sixth Form College (Ipswich) and Abbeygate Sixth Form College (Bury St Edmunds). We will:

Provide industry-related courses to support the SZC project and supply chain. Courses will range from Level 2 to 6 and incorporate areas such as Engineering, Construction, Welding, Business Services and Immersive Technology.

Offer exciting digital learning opportunities through the College's world-leading XR (Extended Reality) and Immersive Reality facilities. We will work together to further develop the future talent pipeline via the College's School Escalator programme.

Support the promotion of SZC project and supply chain opportunities to all students based at West Suffolk College, ONE Sixth Form College, Abbeygate Sixth Form College and University Studies at WSC. Working together, we will encourage the local community to take advantage of the varied opportunities by providing upskilling and re-training programmes.

Scope the potential for development and implementation of new vocational Level 3, 4, 5 and 6 curriculum and apprenticeships that align with the opportunities being created at SZC in both the construction and operational phase. These may include, but not be limited to, the existing and future curriculum of the National College for Nuclear, Digital and Immersive Technology, Engineering and Project Management.

Colleges, universities and training venues

Access Community Trust, Lowestoft	www.accessct.org
Anglia Ruskin, Cambridge	www.aru.ac.uk
Cambridge Regional College	www.camre.ac.uk
City College Norwich	www.ccn.ac.uk
Colchester Institute, Colchester	www.colchester.ac.uk
East Coast College, Lowestoft	www.eastcoast.ac.uk
Easton College, Norwich	www.easton.ac.uk
Inspire, Ipswich	www.inspiresuffolk.org.uk
National Construction College East, Bircham Newton	www.citb.co.uk
Suffolk New College	www.suffolk.ac.uk
University of Cambridge	www.cam.ac.uk
University of East Anglia, Norwich	www.uea.ac.uk
University of Suffolk, Ipswich	www.uos.ac.uk
University Technical College, Norfolk	www.utcn.org.uk
West Suffolk College, Bury St Edmunds	www.wsc.ac.uk

Here are some of the regional colleges offering relevant courses



East Coast College

"East Coast College offers a range of courses that will ensure there are the required skills for jobs related to net zero targets. It delivers a variety of courses within 16 to 18 study programmes, higher education, adult retraining, adult upskilling and apprenticeships. The list below highlights the range of current courses which are shaped with key employers and future skills needs in mind."

Stuart Rimmer
CEO and Principal
East Coast College



- Engineering including Maintenance, Electrical and Energy
- ECITB Scholarships in Welding, Pipefitting and Engineering Fitting
- Welding and Fabrication, including Hinkley Point C skills pipeline with Doosan Babcock
- Electrical Installation
- Construction and Civil
- Service Industries including Business, Catering and Media
- HNC and HND in Engineering (Operations and Electrical)
- BEng Engineering
- FDSc Environment and Sustainable Energy
- FD Science Technician
- Apprenticeships in Engineering, Construction and Civil
- Adult retraining projects in Engineering, Construction, Maths, English and Digital Skills
- Transition into Employment community work, NCFE Clean Energy Leadership courses (NECS).

To find out more about apprenticeships available, please call 0800 085 8860 or email apprenticeships@eastcoast.ac.uk. For general enquiries 0800 854 695 or email myfuture@eastcoast.ac.uk. www.eastcoast.ac.uk



West Suffolk College

"Our colleges across Suffolk offer a wide range of courses for all different ages of learner, from full time study programmes to apprenticeships, and from adult retraining courses through to professionally certified qualifications that are developed to support industry requirements. The Sizewell C project offers the region a fantastic opportunity to secure future careers, something we are supporting by delivering outstanding education to all."

Dr Nikos Savvas
CEO West Suffolk
College and
Suffolk Academies
Trust



- As part of the Eastern Colleges Group, our vision is simple. In an ever-changing world, we deliver a world-class, inspiring life-long learning journey that drives prosperity and wellbeing for all in our communities.
- Engineering including Maintenance, Electrical and Manufacturing
 - Welding and Fabrication, including Hinkley Point C skills pipeline with Doosan Babcock
 - Electrical Installation
 - Construction and Groundworks linked to Major Infrastructure Projects
 - Business and Management
 - Sustainability and Environmental Management
 - Apprenticeships in Engineering, Construction, Business and Project Management
 - Adult retraining projects in Supply Chain, Engineering, Construction, Maths, English and Digital Skills
 - T levels in various project connected occupational areas
 - BSc (Hons) in Interactive and Immersive Technology
 - BSc (Hons) in Computing and Digital Technology

For further information and to plan your future today go to:
training@wsc.ac.uk
apprenticeships@wsc.ac.uk
01284 701301
www.wsc.ac.uk



Suffolk New College

"We offer a wide range of apprenticeships and industry-certified qualifications that are aligned to sector requirements. Here are some of the courses and vocational areas currently on offer that we feel will support the Sizewell C project. Please do get in touch with us if you would like further information."

Alan Pease CEO
and Principal
Suffolk New
College



- Design Surveying and Planning for Construction T Level
- Civil Engineering Standard Apprenticeship
- Civil Engineering Degree
- Construction Courses
- Engineering Apprenticeships and Engineering Courses
- Fabrication and Welding Courses
- Electrical Courses
- HNC Construction
- HND Construction Management
- Catering and Hospitality
- Business Admin
- IT

If you would like more information on courses and apprenticeships available please contact:
business@suffolk.ac.uk
apprenticeships@suffolk.ac.uk
www.suffolk.ac.uk



The University of Suffolk

"The University of Suffolk is all about transformation – transforming individuals, our community, our region and beyond. We do this through education, training, research and business and community engagement. At the University of Suffolk we offer a totally different higher education experience, one where you are treated as an individual and one where our approach to learning and teaching supports your ambitions and gives you the best chance to succeed."

Professor Helen
Langton
CEO and
Vice-Chancellor
the University
of Suffolk



- BA (Hons) Business Management with the option to specialise in areas such as Digital Marketing, Digital Entrepreneurship, and Digital Innovation
- BSc (Hons) Computing with a choice of specialisations such as Cyber Security, Web and Mobile Development, and Artificial Intelligence
- MSc Data Science and Artificial Intelligence
- MSc Applied Cyber Security
- MSc Advanced Computing
- BSc (Hons) Wildlife, Ecology and Conservation Science

We are currently closely collaborating with Sizewell C to develop apprenticeship programmes in Supply Chain, Digital and Project Management. We will be a part of Sizewell C's initiative of providing 1,500 apprenticeships to the employees in the region.

To find out more about our undergraduate and postgraduate courses, as well as our apprenticeships, please go to:
admissions@uos.ac.uk
01473 338 348
www.uos.ac.uk

Sizewell C Consortium

The Sizewell C Consortium is a group of more than 200 leading companies and organisations, who have come together to get Sizewell C built for Britain.

By working with British-based businesses, Sizewell C will not only help stimulate an economic

recovery, but will lay the foundations for a legacy of jobs and skills in the nuclear sector.

Creating jobs and skills in the sector is only one aspect of our vision to develop a world-leading nuclear supply chain. We will work alongside local colleges, research centres and educational institutions to ensure we are investing in the next generation and equipping them with the personal training and development to contribute to projects like this in the future.

For more information see:
www.sizewellconsortium.com

Training the next generation for jobs with Sizewell B and Sizewell C

A group of local young people have already started their training preparing them for the long-term rewarding careers available with Sizewell B and Sizewell C in Suffolk.



Over at Sizewell C, Doosan Babcock, a tier one contractor for the Sizewell C mechanical programme, ran an assessment centre at local colleges which led to four apprenticeships being offered at Hinkley Point C in Somerset. Benjamin Bale, Craig Parslaw and James Pettit will study pipefitting and Charlie Mallett is now studying welding. All are expected to return to Sizewell C where they can look forward to a long-term, rewarding career.

Over at Sizewell C, Doosan Babcock, a tier one contractor for the Sizewell C mechanical programme, ran an assessment centre at local colleges which led to four apprenticeships being offered at Hinkley Point

Apprenticeships are a great way to start a long-term rewarding career and at Sizewell B many of the managers came from Alde Valley Academy (Leiston High School) as an apprentice, progressing to become leaders of the power station.

At Sizewell B, Cleve Yells, 18, from Snape, Ollie Breach, 18, from Lowestoft, Calden Shilling, 16, from Lowestoft and Charlie Snowden, 17, from Beccles have all started a one-year Sponsored Study Program in Nuclear Engineering. They will study at the National College for Nuclear then have the opportunity to complete a 3-year Maintenance Operations Engineering Technician (MOET) Apprenticeship before joining Sizewell B as qualified Technicians.

Meet some of the team at Sizewell B



Megan Hopkins – Radiation Protection and Environment Engineer

Megan is on secondment at Sizewell B, working with the highly experienced radiological protection team whilst continuing her studies and gaining experience for her future role at Sizewell C. Megan decided to work in the nuclear industry following an Industrial Placement at Heysham 2 power station in Lancaster. She wanted to use her Natural Sciences Integrated master's degree to work in the sector, and so far has researched new areas of radiological assessment using gamma imaging to improve her knowledge and awareness amongst the workforce.



Mark Scrancher – Long-Term Operation and SZC Interface Manager

Mark, from Lowestoft, was aware of the opportunities at Sizewell B from an early age. He joined the nuclear industry in 2003 and has had a number of roles with EDF, starting in the Central Engineering Organisation before transferring to Hartlepool power station on 2006, then Sizewell B in 2009.

At Sizewell B Mark's positions have included the Continuous Improvement Manager, Station Chemist and Group Head of Environment Support before becoming HR Manager. In March 2018, he was appointed as Technical Safety Manager, before taking up the new post of Long-Term Operation and Sizewell C Interface Manager in 2021.



Simon Watts – Operations Manager

Simon started his career with the CEGB in 1988 as an Engineering Technician Trainee at Dungeness B. He joined Sizewell B in 1995 as a tutor delivering Initial and Continuing Training on the full scope replica simulator until 2001 when he joined Oyster Creek Nuclear Generating Station – a Boiling Water Reactor in New Jersey, USA – as a Senior Reactor Operator.

Since returning to Sizewell B in 2004, Simon has progressed through the operations structure – Reactor Operator, Control Room Supervisor, Shift Manager and Deputy Operations Manager – to Operations Manager in January 2022.



Isabella Spanswick – Strategic Outage Coordinator

Izzy joined Sizewell B in 2018 after completing a master's degree in Energy Engineering at the University of East Anglia. She started in the Engineering Department but is now working with the team that manages the outages at Sizewell B. An outage is an important time at the power station as it is when maintenance work and refuelling is completed to ensure smooth operation for the following 18 months.



Gavin Rousseau – Sizewell B Plant Manager

Starting with Sizewell B at 16, straight from Alde Valley Academy, Gavin says the station has always been part of his life.

“Joining Sizewell B as an apprentice was a brilliant introduction to the industry. As youngsters growing up in the area, we would come down to the beach and watch Sizewell B being built. I am delighted to manage the team looking after the station, ensuring it keeps its world-class record of performance.”

Gavin mentors students at Alde Valley Academy and shares his insight about working in the nuclear industry. He says, “It's important that young people know about the opportunities on their doorsteps. Sizewell B offers the same opportunities that were open to me many years ago and Sizewell C will offer the same from the construction phase right through to operation. The sky's the limit for those who work hard and want to play their part in delivering clean energy generation to tackle climate change.”



Brer Cornish – Mechanical Technician

Brer recently completed an apprenticeship with Sizewell B and is now a qualified Mechanical Technician working in the Maintenance Department that makes sure the power station is in top condition to keep its excellent record of reliable low carbon generation.

Brer joined the four-year training programme after studying locally at Bungay High School and Sixth Form and Lowestoft College. He chose an EDF maintenance apprenticeship to have a hands-on job whilst gaining qualifications at the same time. Brer enjoys the dynamic nature of the job where no two days are the same whilst doing his bit to help the UK meet net zero.



Suzanne Jones – Control and Instrumentation Technician

Suzy joined Sizewell B as an apprentice and is a newly qualified Technician who monitors the station's systems to ensure it is operating as it should. Before joining the apprenticeship, she studied her GCSEs at Northgate High School and a BTEC in Electrical Engineering at Suffolk New College in Ipswich.



Robert Gunn – Station Director

Robert joined Sizewell B as Station Director in September 2020, prior to this Robert was Station Director at Torness Power Station where he had previously been Plant Manager. Robert has a broad base of experience working in Engineering, Operations, Projects, Safety, Outage, Maintenance and Plant Performance. Robert has a first class honours degree in Physics with Management Studies. He also completed a post-grad, with distinction, in Engineering and Project Management. He is a Chartered Physicist and a Chartered Engineer.




Sizewell C
The power of good for Britain

The power of good for Britain

Freephone: 0800 197 6102* | info@sizewellc.co.uk
FREEPOST SZC | www.sizewellc.com



*Calls to 0800 numbers are free from UK landlines.
Call costs from mobiles and international numbers may vary.