



Employment

& Training

Prospectus

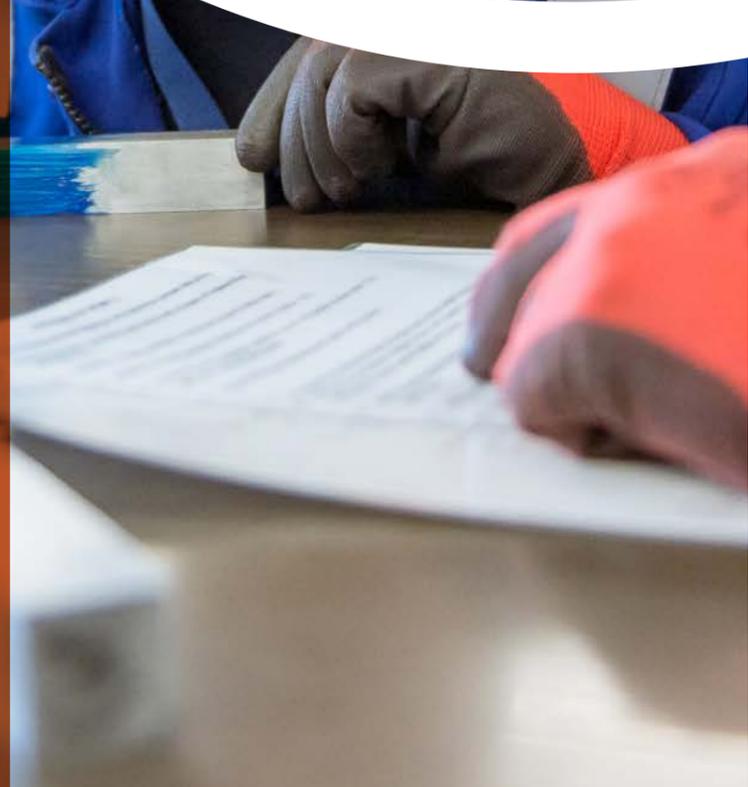
2021



Powering your future career

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

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Humphrey Cadoux-Hudson, Managing Director of Nuclear Development, discussing future opportunities available to young people with colleagues from local charity Inspire Suffolk.

Introduction

I am excited by the opportunities Sizewell C will offer to Suffolk. I have always believed in the importance of delivering opportunities for those living closest to the power station. I want to make sure the project gives equal access to anyone who wants to be part of it.

I hope this jobs prospectus gives a flavour of the many doors Sizewell C could open for people living in East Anglia. It sets out the ways the project will help to transform lives through:

- A jobs service where we will work with the local Youth Employment Service and Jobs Centres to ensure local communities know what employment opportunities are available.
- A fund to enhance facilities and resources for colleges and training providers in the region so that we have a local workforce with the right skills.
- A bursary scheme that aims to remove barriers, ensuring education and training is accessible to all.
- Pre-employment training and outreach initiatives to maximise opportunities for economically disadvantaged and hard-to-reach groups. We will do this in close partnership with the Local Enterprise Partnership, Councils, the Department for Work and Pensions and voluntary groups.

Hinkley Point C in Somerset is the first new nuclear power station to be built in a generation. Now four years into construction the project is going beyond what we set out to achieve for job creation, apprenticeships and investment in the local economy. Sizewell has the potential to do the same.

Humphrey Cadoux-Hudson,
Managing Director of Nuclear Development,
Sizewell C



Hinkley Point C - Unit 1 under construction

Sizewell C: A huge opportunity

Julia Pyke - Sizewell C Director

Sizewell C presents a huge opportunity for everyone connected with it.

We want to make sure people living in this region benefit as much as possible from the new jobs that will be created across the energy sector.

That's why we are already helping young people get access to training in key skills such as welding and construction. Other college-based courses and training schemes are in the pipeline.

I'm determined that Sizewell C offers as wide a range of opportunities as possible and that we give young people the chance to develop long-term rewarding careers at all levels.



Sarah Williamson - Sizewell C Civils Director

Building a brighter future

I am excited to be working on the Sizewell C project and subject to planning consent look forward to delivering the same high quality build programme we are seeing at Hinkley Point C, which is four years into construction.

At Hinkley Point we have already employed over 700 apprentices and invested £2.7bn with companies in the South West. We want to do the same in the East of England. We are going to need thousands of local people to help us build the power station in Suffolk.

There will be a wide range of roles and I hope this prospectus will give you an insight into the project and help you find the career path or training course that's right for you.



Sarah helped lead the civil construction programme at Hinkley Point C and is now bringing her experience to Sizewell C



The Sizewell C Jobs Service

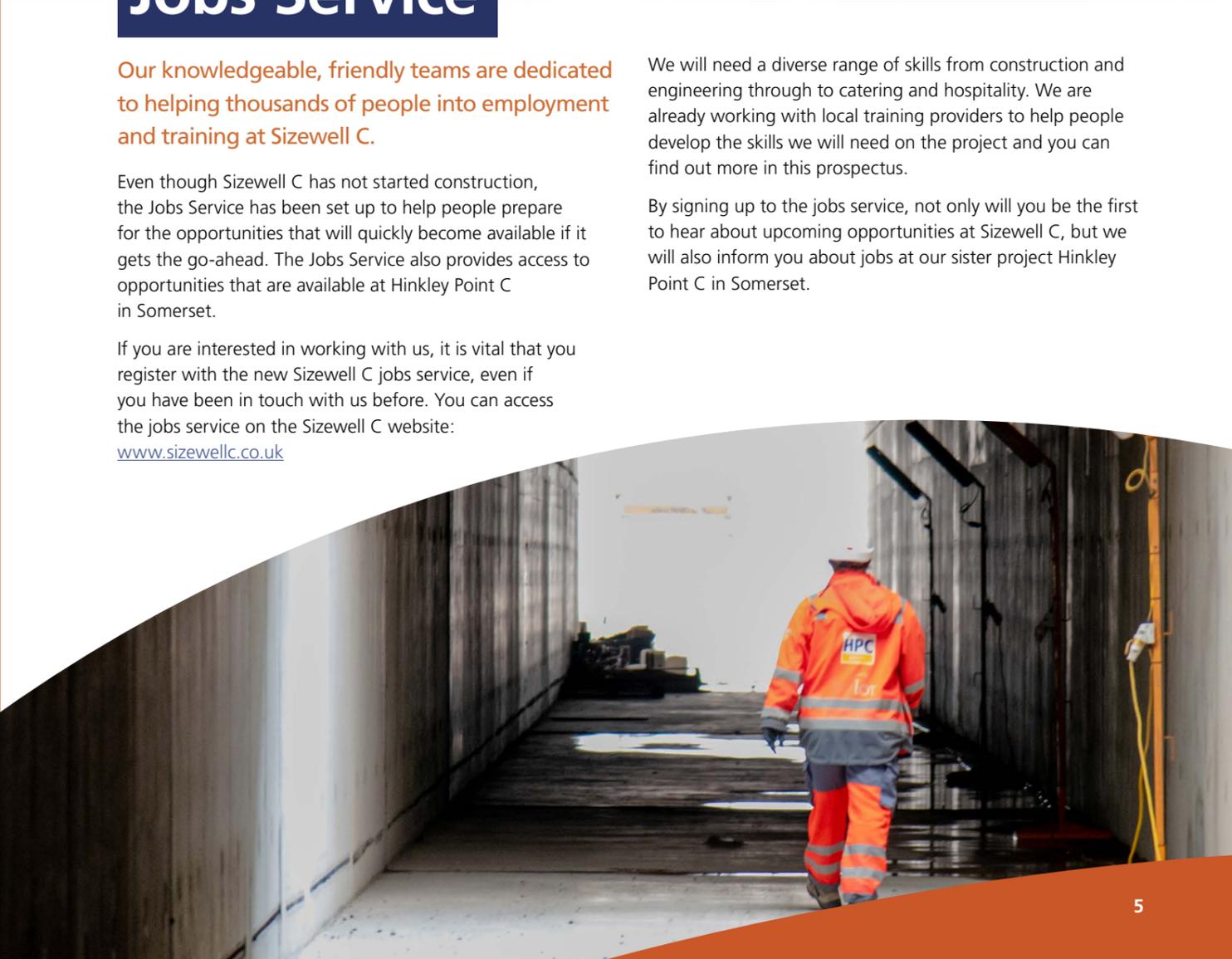
Our knowledgeable, friendly teams are dedicated to helping thousands of people into employment and training at Sizewell C.

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 if it gets the go-ahead. 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 new 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.co.uk

We will need a diverse range of skills from construction and engineering through to catering and hospitality. 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.





Career opportunities

Sizewell C will create thousands of local jobs and apprenticeships. We will need different skill sets at different stages of the project from early years enabling works right through to operation of the power station.

The skills we will need for the project will also be required by other developers in this region so a job at Sizewell C could lead to opportunities at other projects. It will take between 9-12 years to build Sizewell C and forecasts indicate that some 1,600 projects will take place in Suffolk and Norfolk subject to planning approval between 2020 and 2035.

There will be a broad range of occupations and careers available, for example, jobs in construction, civil engineering, electrical installation, ecology, hospitality, catering, logistics, security, site services, support roles and others over the coming years. And it's not just during construction. When complete, Sizewell C will have an expected workforce of 900 people to run the power station throughout 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 a green recovery and building back better after the COVID pandemic.



Meet

Clare Proctor



SIZEWELL C SITE ENVIRONMENT LEAD

“Some of the best times I've had at work is as part of a team working towards the same goal so I'm looking forward to the start of construction at Sizewell C. It also helps that it's 20 minutes up the road!”

I started my career on Sizewell A power station when it was in operation and then as it went into decommissioning. I moved to work for EDF on Hinkley Point C and I am now the Site Environment Lead for Sizewell C.

My current responsibilities include conducting site visits to ensure our contractors are complying with regulations, identifying environmental requirements which must be understood and adhered to by our workers and ensuring we have the right permits required to carry out our work on site.

Over the last ten years I have found that I continuously learned and developed and most importantly I have rarely been bored! Having come from a nuclear background I now have experience of working throughout the development stages of a project, from planning through to earthworks phase of Hinkley Point C's construction. I have also had the opportunity to become a mental health first aider for Sizewell C having seen the benefits of this role at Hinkley Point C.

Find out how to get the same opportunity as Clare at www.edfenergy.com/young-szc



Meet

Cody Lucas

APPRENTICE WELDER



“It is an opportunity of a lifetime to work at Hinkley Point C and then come back home to Suffolk as a qualified welder to work at Sizewell C. I was over the moon when I got the phone call to say I got on the apprenticeship; I can’t wait to start.”

Doosan Babcock, Hinkley Point C contractor and member of the Sizewell C consortium, is taking on students from East Coast College in Lowestoft to join their apprenticeship scheme in welding, rigging, pipe fitting and project controls.

Cody Lucas, who is studying Level 3 qualifications in welding at the Lowestoft campus, secured the apprenticeship with Doosan Babcock which

will see him start at Hinkley Point C before returning to Suffolk to work at Sizewell C.

Find out how to get the same opportunity as Cody at www.edfenergy.com/young-szc



Meet

Narmeen Rehman

CHARTERED MECHANICAL ENGINEER

Narmeen is a Chartered Mechanical Engineer working on the Sizewell C project, leading the Engineering Delivery team on fuel topics. She’s excited to be working on a large infrastructure project to help decarbonise Britain.

Having studied Engineering Science at Oxford University, Narmeen joined the EDF Nuclear Graduate scheme and has worked on various areas including the structural integrity of high temperature materials, nuclear fuel route and safety risk management. She has also gained strategic and commercial experience from working on the long-term energy supply policy for Britain and exploring future energy market scenarios.

Find out how to get the same opportunity as Narmeen at www.edfenergy.com/young-szc



Meet

George Sharp

APPRENTICE DIGITAL ENGINEER

I’m training to be a digital engineer at Hinkley Point C and I started at the end of October 2018.

Prior to Hinkley Point C I worked for five years in a totally different industry. After getting made redundant I decided it was time for a change of career. I was looking for the opportunity to develop new technical skills and become a professional – that’s why I chose this particular apprenticeship. I have done an apprenticeship before, but the difference is enormous – my previous one felt like I was a kid on work experience, whereas on this one I am a proper member of the company and that company – BYLOR – is invested in helping me succeed. I have a decent salary and the benefits of being a full time employee. This allows me to continue to live independently.

A normal working day for me can involve a range of things. For example, this week I have worked on creating digital models in two different programs. I have been out on site for a tour of the pre-fab yard where rebar cages are made and spent a day in college for the learning side of my apprenticeship. It really is quite varied!

Bylor has given me a mentor, who I work with as part of his team, to help train and guide me. It also provides us DE apprentices with technical training weeks.

Find out how to get the same opportunity as George at www.edfenergy.com/young-szc

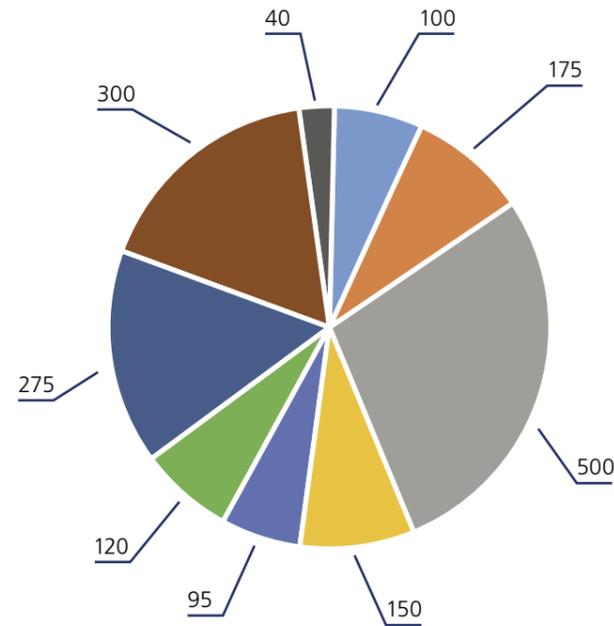


Key Roles

There will be a number of high demand roles required both during construction and into operation.

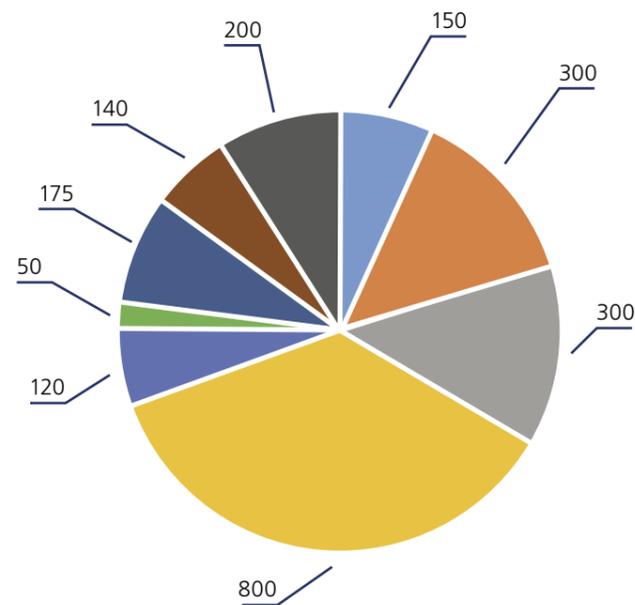
Long Term Roles

- Operations Support
- Office Admin / Document Control
- Catering Assistants, Chefs
- Bus Drivers
- Access Control Officers/Supervisors
- Security Officers
- IT/Officed Technician Roles
- Managers Assistants, QS
- Drivers (other)



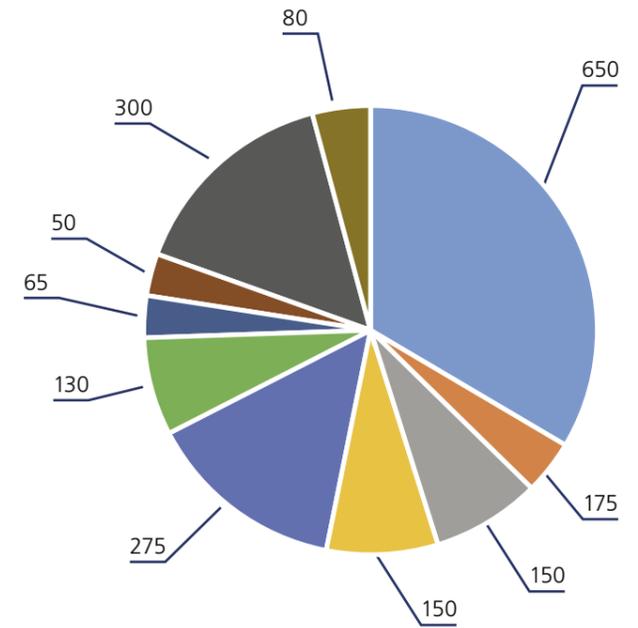
Civil Engineering 2024 to 2028

- Lifting Supervisors and Appointed Persons
- Joiners/Formworkers
- CAD/BIM (Various Levels)
- Project/Site Engineers (Grad Entry Plus)
- Tower Crane (Longer Term)
- Slinger Signallers
- Steelfixers
- Lab Technicians
- Project Managers



Enabling works from 2022 to 2024 will prepare the site for the construction of the power station

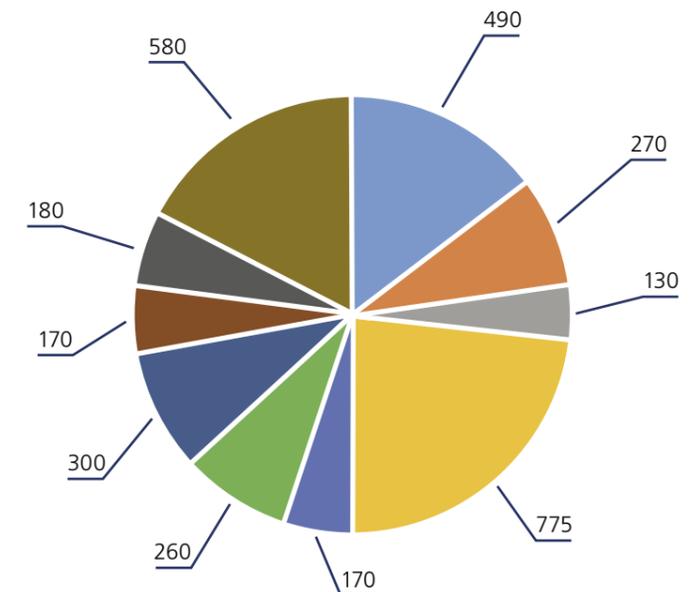
- Construction Gen Operative
- Scaffolders
- Fitters/Mechanics
- Crawler/Mobile Crane
- 360 Excavator (All Sizes)
- Temporary Buildings
- Electricians
- Dump Truck (Articulated)
- Concrete Pump
- Tower Crane (First Two Years)



£4bn will go into the local economy from the construction and operation of Sizewell C

Mechanical, Electrical and Heating roles between 2026 and 2030

- Welder Craftsmen
- Cable Installation
- Coatings
- Pipe Fitters
- HVAC Operatives
- Level 2 OP
- Mechanical Fitters
- Scaffolders
- Approved Electricians
- Thermal Installation





First roles that will become available

Advanced Scaffolder/Scaffolder Part 1 and Part 2/Trainee Scaffolders

Scaffolders play an important role in ensuring safety on site for those who are working on and around scaffold structures.

Concrete Placement/Powerfloat 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.

Catering Assistants

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 Sweeper 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.

Excavator operators 10t+ and below including Lifting Accessories/Ride on Roller/ Dumper/Fork lift 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 plantmoving 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.

Painters

Painters 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 Chainperson

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

Trainee Drivers

Training programmes are available to enable 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



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

Cable pullers work across projects including plant, communications and electronics. Their main duties include measuring, cutting and bending wire, cable and conduit.

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.

Quantity Surveyors

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

Steel fixers/NVQ2 Qualified Steelfixers/Steelfixer Improvers (no formal qualifications)/ Steelfixer 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 Welder/ 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.



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



Register for updates at
www.edfenergy.com/szc-jobs



Apprenticeships – a route to a bright future

We have an aspiration to create 1,500 new apprenticeship opportunities across the Sizewell C project.

Apprentices receive a salary whilst being trained and gaining job experience in the workplace. Roles are available ranging from civil engineering to catering for people taking their first steps into work or looking to progress into a new role.

Sizewell C has placed apprenticeships at the forefront of its future workforce and all our contractors are involved in shaping this activity. We are dedicated to providing the best possible information, access and experience for all our apprentices.

The nature of our jobs means that apprentices work alongside and socialise with different people from across the workforce. This provides a powerful springboard to future success.



Meet Beth - Former Apprentice for Sizewell B

"I knew I didn't want to go to university after my A-Levels. I liked the idea of hands-on learning so began to look at apprenticeships."



Meet Poppy - Graduate Apprentice Sizewell B

"A number of factors helped me decide on an apprenticeship; my A level choices, not wanting to go to university, the encouragement I received during work experience and the benefits of being paid while training and starting my career."



Meet Evie - Hinkley Point C Quantity Surveyor Degree Apprentice

"This career route gives young people the opportunity to gain specialist knowledge and skills that are transferrable to use on a range of projects, allowing the chance to travel and work abroad."



Meet Megan - Young Hinkley Point C Member and Project Controls Apprentice

"Young Hinkley Point C gave me the tools I needed to find my way into an industry that might otherwise be difficult."

Meet

Joshua Wilkins



SIZEWELL C APPRENTICE

"I am a project controls apprentice for Sizewell C. It's a three year apprenticeship which I have started at Hinkley Point C in Somerset and will complete in Suffolk with the Sizewell C project next year."

I feel really proud to work in an industry that's fighting climate change and making a real difference in helping Britain cut its emissions and protect the planet.

Working in project controls means that I get to combine two of my favourite things – IT and engineering. I keep track of our schedule and the tasks we have to do. That's a pretty big role in a project like this where we are building a new nuclear power station which will make such a big contribution to meeting net zero targets.

We literally have thousands of tasks to complete to deliver the UK's first new nuclear power station in a generation and I am proud to be doing my bit. Building new nuclear stations on time is crucial in the battle against climate change as we move away from fossil fuels.

When I am not working at Hinkley Point C I am studying at the National College for Nuclear. I am learning core processes such as estimating, risk management, cost engineering and honing my IT skills.

I am now in the second year of my apprenticeship and next year I am looking forward to returning home to Suffolk to work on Sizewell C.

Find out how to get the same opportunity as Joshua at www.edfenergy.com/young-szc



Education and skills for Sizewell C

Sizewell C plans to invest in local education and training to make sure those living nearest our project have the right skills to work with us.

Local colleges, universities and training centres offer extensive courses to develop skills needed to work on Sizewell C (See the list on page 20). Bridgwater and Taunton College in Somerset works closely with the Hinkley Point C project. We have introduced them to the Suffolk colleges so they can prepare for working in partnership with Sizewell C.

We have already started some partnerships with training providers that work with some of the hardest to reach groups in our community. In 2019 we formed a partnership with Inspire Suffolk and Access Community Trust to open up access to work with us.

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
- Welders
- Pipefitters
- Bricklayers
- Carpenters
- Joiners
- Electricians
- Scientists
- Ecologists
- Site managers
- Project Managers
- Engineers
- Draughtpersons
- IT technicians
- Metal workers
- Plasterers
- Transport Drivers
- Plant/Machine Operators
- Scaffolders
- Riggers
- Middle Managers

Visit www.suffolkgrowth.co.uk/technical-skills-legacy by clicking [here](#) to see a full list of Legacy roles

East Coast College and Sizewell C

East Coast College is bringing entry level training to young people in Suffolk and Norfolk who are Not in Education, Employment or Training (NEETs). This training is in legacy skills like welding, which are in critically short supply in East Anglia. This means the skills they are developing could set them on a path to further training and long-term rewarding careers in this region.

Women in Construction

We want to address any barrier to employment and make it as easy as possible for local people to join us. That's why we are working with organisations such as Women in Construction to promote local training to encourage women to consider a career in the sector.

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.



Meet

Vanessa Burton



SIZEWELL C ENGINEER

“I’ve worked on some incredible major projects, such as Doha Metro, London Underground’s Northern line extension, Thames Tideway and now Sizewell C. The construction industry is varied, with innovation and improvements every day. It’s pretty amazing seeing the construction and final product of something you worked on from the design process.”

Vanessa studied Civil Engineering (MEng Hons) at the University of Surrey and secured the University of Surrey ICE Scholarship scheme, which allowed her to work with Mott MacDonald as an intern during each summer while at university, and in her industrial placement year. She says this was an important step into her career: “Working as an intern in the construction industry gave me the real-life experience of the job I was hoping to do when I graduated.”

Fast-forward a decade from her start at university, and Vanessa is currently working on the Sizewell C project, getting the site ready from her desk.

Vanessa’s day to day job as an engineer at Sizewell C is a varied one, ensuring constructability and health and safety is at the heart of the project. The project has used innovation to push forward the industry for the Site Establishment as a 4D model that shows the scope of the work involved, methodology and the time it will take to construct. Vanessa’s work helps ensure a successful project on site during construction and for her colleagues working on the site in the future.

Find out how to get the same opportunity as Vanessa at www.edfenergy.com/young-szc

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

Construction Operatives

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

National Construction College East

Construction and Building Trade Supervisors

College of West Anglia

National Construction College East

East Coast College

Colchester Institute

Suffolk New College

Electrical and Electronic Trades

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

West Suffolk 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

College of West Anglia

City College Norwich

Colchester Institute

Building and Crafts College

Metal Forming, Welding and Related Trades

Courses for smiths and forge workers, steel plate workers, metal plate workers and riveters, welders, pipe fitting 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
Your Community Your Trust



Access Community Trust and Inspire Suffolk 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.



Colleges, Universities and training venues

Access Community Trust, Lowestoft

<https://www.accessct.org>

Anglia Ruskin, Cambridge

<https://aru.ac.uk/international/courses>

Cambridge Regional College

<https://www.camre.ac.uk>

City College Norwich

<https://www.ccn.ac.uk/courses>

Colchester Institute, Colchester

<https://www.colchester.ac.uk>

East Coast College, Lowestoft

<https://www.eastcoast.ac.uk>

Easton College, Norwich

<https://www.easton.ac.uk/courses>

Inspire Suffolk, Ipswich

<https://inspiresuffolk.org.uk>

National Construction College East, Bircham Newton

<https://www.citb.co.uk>

Suffolk New College

<https://www.suffolk.ac.uk>

University of Cambridge

<https://www.cam.ac.uk>

University of East Anglia, Norwich

<https://www.uea.ac.uk>

University of Suffolk, Ipswich

<https://www.uos.ac.uk>

West Suffolk College, Bury St Edmunds

<https://www.wsc.ac.uk/find-a-course>

Here are some of the regional colleges offering relevant courses



Viv Gillespie
Principal
Suffolk New College

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."

- Design Surveying and Planning for Construction T Level
- L3 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



Stuart Rimmer
CEO and Principal
East Coast College

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. The college delivers a variety of courses within 16 to 18 study programmes, higher education, adult retraining and apprenticeships. The list below highlights the range of current courses which are shaped with key employers and future skills needs in mind."

- Level 2 and 3 Engineering including Maintenance, Electrical and Energy
- ECITB Scholarships in Welding, Pipefitting and Engineering Fitter
- Level 2 and 3 Welding and Fabrication, including Hinkley C skills pipeline with Doosan Babcock
- Level 2 and 3 Electrical Installation
- Level 2 and 3 Construction and Civil
- Service Industries including Business, Catering and Media
- HND and HND in Engineering (Operations and Electrical)
- BEng Engineering
- FDsc Environment and Sustainable Energy
- FD Science Technician
- Apprenticeships in Engineering, Construction, Civil Trades and Project Management
- Adult retraining projects in Engineering, Construction, Maths, English and Digital Skills

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



Dr Nikos Savvas
Chief Executive Officer
West Suffolk College and
Suffolk Academies Trust

West Suffolk College and Suffolk Academies Trust

"Our colleges across Suffolk offer a wide range of courses, apprenticeships and industry certified qualifications that are developed to support industry requirements. We deliver outstanding education which supports the Sizewell C project and the fantastic opportunities it creates for our young people and their future."

We have industry related courses including the Nuclear Readiness programme and Maintenance Engineering HNC. Our Engineering training ranges from Foundation courses for school leavers, BTEC programmes and Apprenticeships through to adult re-skilling and University Studies. Our construction and build environment campus at Bury St Edmunds has large fully equipped workshops and a large outdoor area where real work projects are completed to support and enhance workshop delivery and training. These courses are available from Level 1 to degree level offering an entry point for everyone.

For further information and to plan your future today go to:

- West Suffolk College <https://www.wsc.ac.uk/>
- One Sixth Form College <https://www.suffolkone.ac.uk/>
- Abbeygate Sixth Form College <https://www.abbeygatesfc.ac.uk/>
- University Studies <https://www.universitystudies.wsc.ac.uk/>
- STEM Careers <https://stem.wsc.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.

The project, if given the go-ahead, will create thousands of jobs in the East of England and 1,500 new apprenticeships based in over 2,500 businesses. The consortium has signed a Memorandum of Understanding with the New Anglia LEP and FE colleges to underline this commitment. Sizewell C will ensure that regional economies have access to the jobs and growth needed to allow their communities to thrive economically and socially.

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.

Sizewell C will help the UK build back better – levelling up the regions, benefiting British companies and employment across the country, and powering the UK forward on its journey to net zero.



"Sizewell C doesn't just mean a new nuclear power station in the east of England. It means livelihoods for thousands of people."

Cameron Gilmour

Head of the Sizewell C Consortium



Meet

Brer Cornish



SIZEWELL B APPRENTICE

"I chose an EDF maintenance apprenticeship to have a hands-on job whilst gaining qualifications at the same time. I enjoy the dynamic nature of the job where no two days are the same and I feel I am doing my bit to help the UK meet net zero."

Brer Cornish is a 4th year apprentice at Sizewell B. Brer joined the four-year training programme after studying locally at Bungay High School and Sixth Form, and Lowestoft College.

The first two years of the Maintenance and Engineering apprenticeship are based at the National College for Nuclear, delivered through Bridgwater and Taunton College, Somerset.

The apprentices gain an excellent introduction to engineering and develop a strong skills foundation. The next two years are then spent back on site where they can put their theory work into practice under the guidance of the highly skilled workforce.

Find out how to get the same opportunity as Brer at www.edfenergy.com/young-szc



Here are some of the skilled roles being carried out at Sizewell B



Kim Mann – Contract Manager

Kim Mann joined Sizewell B 30 years ago when the station was being built. Kim works within the Supply Chain team which is responsible for managing contractors that support the station's reliable generation. Her role involves oversight of some of the power station's largest contract partners that are responsible for keeping Sizewell B well maintained.

Kim says "I grew up in Leiston and Sizewell A had always been part of the community. Sizewell B was a new evolution of the technology and something exciting to be part of; there were big opportunities for people joining then and there still are today – with Sizewell C on the horizon the sky is the limit."



Sean Verrell – Engineering Manager

Sean has been the Engineering Manager at Sizewell B since October 2016, having previously been the station's Technical and Safety Support Manager. Prior to that he had held a number of leadership positions at Sizewell B since 1999, including Work Management, Business Improvement, Quality Management and Design Engineering Group Head.

Sean joined the nuclear industry as a graduate in 1988 and started his career as a Reactor Physicist. He moved to Sizewell B in 1991, starting in the Operating Experience Feedback team before moving to the station's Nuclear Engineering Group in 1993. He has been actively involved in all 15 of Sizewell's outages in a range of technical and leadership roles and is also one of the station's Emergency Controllers.



Thomas Reid – Outage Manager

Tom joined British Energy in 2000 as graduate Engineer at Hunterston. From 2002 to 2009 he worked as a Maintenance Engineer with responsibilities of maintenance and improvement projects within designated plant areas. In 2009 he became an Engineering Group Head leading a team of seven System Engineers.

In 2012 he became Continuous Improvement Manager, responsible for deployment of Organisation Learning processes, strategy development, business planning and key performance indicators. In February 2016 he was appointed as Maintenance Manager, and by June successfully merged the Maintenance and Work Management Departments to align with the business vision and improve efficiency. Tom joined the Sizewell executive team as Outage Manager in 2017.



Gavin Rousseau – Head of Nuclear Fuel Operations

Gavin was a student at Alde Valley Academy, formerly Leiston High School and began his career as a Control and Instrumentation apprentice at Sizewell B in 1991. Gavin advanced through to Maintenance Technician and team leader before joining the work management team as a Work Week Manager in 2000. After also holding positions of Cycle Coordinator, Acting Head of Work Management Gavin moved to Head of Outage Management in 2012 responsible for the safe delivery of refuelling outages, Gavin moved to Head of Nuclear Fuel Operations in the summer of 2018. He is responsible for the safe storage and movement of all the nuclear fuel at Sizewell B.



Adam Anderson – Plant Manager

Adam is from Leiston and attended local schools before joining Sizewell B on an apprenticeship. Adam joined Operations in 1993 as a Plant Operator, then moved to Work Management in 1995 where he held various positions from Planner to Cycle Coordinator. He returned to Operations in 2004, where he filled various roles from Reactor Operator to Assistant Shift Manager. More recently Adam has undertaken leadership roles as Work Management Group Head, Work Management Manager and Supply Chain Manager. In December 2016 Adam was appointed to Operations Manager and has now taken up the role of Plant Manager.



Colin Tucker – Head of Nuclear Safety

Colin spent seven years working at Hinkley Point A before moving over to Sizewell B in 1995 when it started generating. He joined the Nuclear Safety Group a couple of years later and has been there ever since.

The Nuclear Safety Group is responsible for ensuring that the Sizewell B reactor operates within the bounds of what has been proved to be safe. On a day-to-day basis that usually means talking with engineers or maintenance staff and advising them. As the power station runs round the clock and safety is the overriding priority, it can mean calls from the control room in the middle of the night, to help the operators to correctly interpret the Technical Specifications (the rule book for running the station).

Part of Colin's group's role is working with the Office for Nuclear Regulation (ONR) to ensure that very high standards are always maintained.



Robert Gunn – Sizewell B Station Director

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. Robert recently became Sizewell B Station Director.

"I am proud to join the Sizewell B team here in Suffolk that operate the UK's only pressurised water reactor. The station is a place of secure skilled long-term employment for local people and plays a crucial role in helping the UK tackle climate change through its low carbon electricity generation. I look forward to working alongside the Sizewell C project so we can realise more employment, skills and training opportunities for the communities we serve and an even greater step forward to meeting our climate change commitments."



**THOUSANDS OF
JOBS ACROSS
BRITAIN**



If you are aged between 16-21 you can register to stay in touch with us at Young Sizewell C to hear about opportunities with the project

If you would like to register with our jobs service please visit www.edfenergy.com/szc-jobs

CONTACT

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

**By appointment between 10am and 4pm Monday to Friday.

