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An outline of the Sizewell C project

An update on recent activity, including the EU Commission's announcement on Hinkley Point C

# Sizewell C: Project Outline

EDF Energy is proposing to build a new nuclear power station in Suffolk called Sizewell C.

EDF Energy is the owner and operator of the existing Sizewell B nuclear power station, which generates 3% of the UK's electricity and employs more than 750 people in Suffolk.

Britain faces a potential energy gap as a number of our coal, gas and nuclear power stations approach the end of their operational lives. The electricity they produce will need to be replaced.

The Government supports the building of new nuclear power stations to help deliver safe, affordable, low carbon electricity so we can all continue to enjoy the benefits of a secure and reliable electricity supply.

In 2011, the Government confirmed that eight sites in England and Wales are potentially suitable for new nuclear power stations. Land to the north of Sizewell B on the Suffolk coast is one of these sites. EDF Energy is undertaking a public consultation programme on plans to develop the new Sizewell C power station on this site.

Many readers will be aware that consultation on the proposals for Sizewell C has already started. The Stage 1 consultation on initial proposals and options for Sizewell C took place from November 2012 to February 2013. There are further stages of consultation to follow and there is lots of opportunity for you to have your say.

As a major infrastructure project, the Sizewell C application for development consent (permission to build) would be considered by the Planning Inspectorate. The Secretary of State would take the final decision on whether it could be built.

Prior to submitting our application, EDF Energy is consulting local residents and organisations such as Suffolk County Council, Suffolk Coastal District Council and the Environment Agency amongst others.

We initially said that there would be two consultation stages, however, in response to feedback received at Stage 1, we recently announced that the consultation will now take place over three stages.

The flow chart opposite shows the multi-stage consultation process for Sizewell C.

## What is Sizewell C?

- Sizewell C is a proposed new nuclear power station that would be built to the north of Sizewell B on the Suffolk coast.
- It would have two reactors, known as UK EPR™s, capable of generating enough electricity to supply around five million homes.
- Following the preparation of the site for construction, Sizewell C would take seven to nine years to build.
- At the peak of construction the project would provide around 5,600 jobs on-site.
- Some temporary associated developments such as park and ride sites and an accommodation campus in the local area would be needed during the construction of Sizewell C.
- Once operational, the new power station would support around 900 permanent jobs.
- Sizewell C would generate electricity for 60 years. It would make an important contribution to the UK's future needs for low carbon, secure and affordable energy.
- It would create significant business, training and employment opportunities locally, regionally and throughout the UK.



Tom McGarry, Head of Communications for Sizewell C, providing a project update to Wickham Market Parish Council.

## Sizewell C Pre-application Process

Stage 1 – Nov 2012 to Feb 2013

11 weeks of exhibitions and meetings presenting initial proposals and options for Sizewell C.



#### Ongoing Engagement 2013 – 2015

We continue
engagement
with community
organisations, the
public and businesses in
between formal stages
of consultation.



#### Analysis of Stage 2 Responses

Following Stage 2 we will review all feedback and update our proposals accordingly.



#### Project Update – Nov 2013

Project update announcement following studies and analysis of feedback.
Presentation of the ead sites for associated development.



#### **Stage 2 – 2015**

A second formal stage of consultation with local communities.



#### **Ongoing Engagement**



#### Stage 3

This next stage
will provide detailed
technical proposals
to both statutory
consultees and
the public.

Analysis of feedback and update of proposals as necessary.

**Ongoing Engagement** 



Application Submission to Planning Inspectorate

## What is next for Nuclear New Build and Sizewell C?

Many of you will be aware of Sizewell C's sister site in Somerset, Hinkley Point C. Last year the Hinkley Point C project received development consent (permission to build) from the Secretary of State for Energy and Climate Change.

Agreements on a long-term contract for the Hinkley Point C electricity and a debt guarantee, agreed with the UK Government, have recently been subject to a rigorous and detailed European Commission investigation to ensure they are appropriate under the European Union state aid rules.

We were pleased by the announcement earlier this month that the Hinkley Point C deal has been approved by the European Commission.

This approval is a major milestone in our progress to enable a final investment decision on Hinkley Point C. However, before then we still need to finalise contracts with potential investors and the Commission has to approve the waste transfer contract arrangements as part of the Funded Decommissioning Programme.

For Sizewell C, we do understand that local communities in Suffolk want to see more detail on our plans for the project. This will be a key part of Stage 2 of our consultation.

However, before we launch Stage 2 consultation for Sizewell C we need to know we have everything in place to enable Hinkley Point C to go ahead.

The final investment decision on Hinkley Point C is expected around the end of the year and therefore we expect to launch Stage 2 for Sizewell C in 2015.



Proposed Sizewell C site.

## **Recent Activity**

We have been preparing an Evidence Plan in support of a regulatory process known as the Habitats Regulations Assessment (HRA).

The Habitats Regulations give legal protection to species and habitats of European and international importance and we are required to assess potential impacts arising as a result of our development. Working with organisations such as Natural England, the Environment Agency, the local authorities, the RSPB and Suffolk Wildlife Trust, the Evidence Plan sets out how EDF Energy proposes to provide the environmental evidence necessary for this assessment. We will be submitting the Evidence Plan to the Planning Inspectorate soon and it will be published on its website. Keep an eye on our website for the latest news: sizewell.edfenergyconsultation.info



Noise monitoring.

#### **New Wildlife Habitat – Consultation**

EDF Energy intends to create an area of wildlife-rich wetland habitat close to Leiston and adjoining the Sizewell Marshes Site of Special Scientific Interest. Shortly, we will

be consulting the local community on these proposals, before submitting a planning application to Suffolk Coastal District Council.





Clockwise from top left: Bat monitoring, coastal processes radar, ground investigation drilling at proposed Sizewell C construction site, sediment surface sampling on the seabed for marine investigative work.

## **Transport and Accommodation Strategy**

In order to transport thousands of people and millions of tonnes of freight to the Sizewell C site, we will need to put some other infrastructure in place to aid logistics and reduce the impact on local communities during the construction period.

We are working to limit the increase of traffic on local roads that the Sizewell C project would generate. We are proposing to build a jetty and make rail improvements in order to deliver the majority of freight to the site by sea and rail.

In line with national planning policy, we are also proposing measures such as park and ride facilities and an accommodation campus close to the site to help reduce the

length and number of journeys Sizewell C workers will need to take.

Our proposals will keep heavy goods vehicles on an official HGV route and include measures to prevent rat-running through smaller rural roads. In some areas we will be proposing a number of road infrastructure improvements. We are aware of aspirations for substantial road improvements in East Suffolk and continue to engage in discussion on these issues with the highways authority responsible for roads, Suffolk County Council.

We will be presenting more detail on the work that has been undertaken on the Transport Assessment at Stage 2.



## New Anglia LEP Chairman Meets Tomorrow's Engineers

Mark Pendlington, Chairman of the New Anglia Local Enterprise Partnership, met Sizewell B apprentices to hear about the training programme equipping the next generation of nuclear technicians in Suffolk.

Becky Hanson and Joss Grant, both third year apprentices, gave the LEP Chairman a tour of the power station. Mark said: "I've been delighted to see, at first hand, EDF Energy's exemplary apprenticeship programme. This provides a real opportunity for young people locally to develop skills. Future technicians like Joss and Becky will help ensure the energy industry in Suffolk and Norfolk is a leading global player and of huge benefit to UK plc."

#### Tom McGarry, Head of Communications for Sizewell C, said:

"We were delighted to welcome Mark Pendlington to Sizewell B. As well as touring the plant we had the opportunity to view the Sizewell C site and discuss our plans for new build. There are a number of areas where New Anglia's ambitions for the region align with EDF Energy's proposals for a new power station, including enhancing skills, employment opportunities and the low carbon economy. It is important for us to work together to achieve benefits for Suffolk and Norfolk."



\*Mandatory fields

Mark Pendlington meets Sizewell B apprentices.

EDF Energy was proud to be the energy sector sponsor for the inaugural Suffolk Skills Show at Trinity Park on 22 October. We engaged with hundreds of young people on the varied and exciting career opportunities Sizewell C could bring.



Telephone

## **Response Form**

If you have any comments or questions about Sizewell C, or to ensure all your details are on our database please fill in the form below, cut it out and post to FREEPOST SZC CONSULTATION.

*Name	Comments/Questions
*Address	
*Postcode	
Email	



### **Getting Local Businesses Fit** for New Nuclear

Tom McGarry, Head of Communications for Sizewell C, gave a presentation on the project to Lowestoft and Waveney Chamber of Commerce last month.

Tom said: "It was great to be at Lowestoft and Waveney Chamber and to be met by such an enthusiastic response to the project. Sizewell C would generate a significant boost to the local economy in terms of jobs, investment, supply chain activity, skills and infrastructure improvements."

Businesses that wish to register their interest in the project should visit sizewellcsupplychain.co.uk

If your business or community group is interested in hearing more about Sizewell C, get in touch with us via the contact details below.

## **EDF Energy Supports Leiston Film Theatre's Community Celebration**

EDF Energy was proud to be the lead sponsor for 'Cinema in the Park' hosted by Leiston Film Theatre. This special event at Victory Park on 30 August brought the community together to celebrate the theatre's centenary.

Wayne Burns, General Manager of Leiston Film Theatre, said:

"This is one of the few remaining independent cinemas in the East of England. However, it is so much more than just a venue. The Film Theatre is part of the fabric of Leiston and a focal point for the whole community. EDF Energy's support really helped us realise our ambitions in celebrating our centenary and I am delighted so many Leiston residents joined us on the day."



Tom McGarry of EDF Energy with theatre General Manager Wavne Burns.

## **Get in Touch**

If you have any questions or want to know more about Sizewell C, you can reach us by:





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Register your interest in potential nuclear new build supply chain opportunities www.sizewellcsupplychain.co.uk