Welcome
Sizewell C Community Forum

Stephen Walls, Head of Sizewell C Project

21 November 2013
Agenda

• Nuclear New Build Update
• Sizewell C – Post Stage 1 Activity
• Sizewell C – Transport and Accommodation Update
• What Next?
NNB Update – HPC Agreement and Next Steps

Conditional Commercial Close
October 2013

- Agreement on Commercial terms for HPC
- Confirmation of ongoing support of UK
- Letters of intent with partners
- Agreements in principle with top 4 suppliers
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Conditional Financial Close

• Binding agreements on investment terms with CGN, CNNC and Areva, and possible other partners
• Binding agreement with Infrastructure UK on terms for a guarantee of the project’s debt financing
• CfD and Funded Decommissioning Programme full contracts
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Unconditional Final Investment Decision

- Receipt of full State Aid clearance from the European Commission
- Agreement of full debt and equity contracts
HPC Agreement – What it means for Sizewell

A kick start for the UK’s new nuclear programme

Lower costs for successive power stations – a ‘series benefit’

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<tr>
<th>Project</th>
<th>Strike Price</th>
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<tr>
<td>HPC</td>
<td>£92.50/MWh</td>
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<tr>
<td>HPC*</td>
<td>£89.50/MWh</td>
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<td>SZC</td>
<td>TBC</td>
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*HPC Strike price if Sizewell C is also built

“This … marks the next generation of nuclear power in Britain, which has an important part to play in contributing to our future energy needs and our longer term security of supply.”

David Cameron, Prime Minister
Overview of EDF partners on HPC project

**CGN**
Partner of EDF for the past 30 years through co-investment with on the Taishan EPR and the Daya Bay nuclear power station
Major nuclear corporation, 100% owned by the Government of the People’s Republic of China

**CNNC**
Partner of EDF for the past 30 years
Leading Chinese nuclear operator and developer, 100% owned by the Government of the People’s Republic of China

**AREVA**
Significant EPR design and construction experience with EDF through involvement in FLA3 and Taishan
Key supplier of EDF. 83% owned by French government

57% of the project’s construction value could be spent in the UK, building skills and expertise which will help the country win a greater share of nuclear programmes nationally and globally
NNB – What Next?

1. Statement of Community Consultation
   - Sizewell C
2. Stage 1 Consultation
3. Further Consultation/s with local people
4. Application Submission to the Planning Inspectorate
5. Decision by Secretary of State for Energy and Climate Change
6. Construction
7. Operation
   - Hinkley Point C
Sizewell C Post-Stage 1 Activity
SZB Outage Survey

• Approx. 1,100 additional people working at Sizewell B.

• Some of the outage workforce are not from the area (Non-Home-Based).

• Helps understand impacts of a NHB workforce to the area including businesses.

• Helps understand where NHB workers choose to stay and how they travel to site.
Groundwater Monitoring

- Borehole drilling in ten locations within and around the SSSI.
- Monitoring will provide us with important information about groundwater conditions.
Ecology Surveys

- Surveys are being carried out around the Sizewell estate and AONB.
- Bat survey on Sizewell C site.
- Bird surveys along the coast.
- Studies will inform the ecological assessment.
Coastal Processes Radar

- Gathering wave information between Minsmere Sluice and Thorpeness, up to 3km from shore.
- Data will be used to understand how the local seabed and shore responds to waves under different weather conditions.
- This will support design work on the sea defences and jetty.
Design and Engineering

• Preliminary design of access bridges across SSSI.
• Developing sea defence designs.
• Concept design of Jetty (MOLF).
• Investigating ground conditions for possible rail routes.
Offshore Surveys

- Test drilling to confirm geological conditions for the cooling water tunnels and intake structures.
Sizewell C – Transport and Accommodation Update
Developing the Transport and Accommodation Strategy

Our aim is to reduce the potential traffic pressure caused by workers and freight travelling to and from the Sizewell C development site.
Accommodation Strategy

• Single campus: significant efficiency benefit of a single campus.
• Campus management: Concentrated workforce allows creation of a more attractive campus environment which should encourage occupancy levels.
• Workforce management: Operational efficiency.
• Community Safety and Community Cohesion.
• Minimising traffic impact.
Associated Development Site Assessment Process

This is a detailed and iterative process and there is still work to be done
Indicative Associated Development Site Selection

- **Lead Site:** The likely, but not definite, location we will present for the associated development at a further consultation stage.

- **Reserve Site:** To be considered further if the lead site cannot be taken forward.

- **Discontinued Site:** Not being pursued at this time.
Associated Development: Park and Ride - North

Option 1: Yoxford Road
Option 2: Darsham
Option 3: A12/A144
Park and Ride North Option for Further Consultation

- **Lead Site:** Darsham (Option 2).
  - Environmental surveys, ground investigations and masterplanning due to commence Q1 2014.
  - Community engagement.
- **Reserve Site:** A12/A144 (Option 3).
- **Discontinued Site:** Yoxford Road (Option 1).
Associated Development: Park and Ride - South

**Option 1:**
Wickham Market

**Option 2:**
Woodbridge

**Option 3:**
Potash Corner
Park and Ride South Option for Further Consultation

• **Lead Site:** Wickham Market (Option 1).
  – Subject to results of the archaeological surveys, ground investigations, environmental surveys, master-planning will commence in Q1 2014.
  – Community engagement.

• **Primary Reserve Site:** Woodbridge (Option 2).

• **Secondary Reserve Site:** Potash Corner (Option 3).
  – Potential to discontinue.
Associated Development: Campus Accommodation

Option 1: Development Site

Option 2: Sizewell Gap

Option 3: Leiston East
Campus Option for Further Consultation

- **Lead Site:** Development Site (Option 1)
  - Ground investigations to commence shortly on part of the site
  - Community engagement
  - Landscaping and master planning
- **Reserve Site:** Leiston East (Option 3)
- **Discontinued Site:** Sizewell Gap (Option 2)
Associated Development: Rail Options

Option 1: New Terminal

Option 2: Rail Extension into the Site Blue and Green subject to further assessment
## 2014 Headline Activity

<table>
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<tr>
<th>Community Engagement</th>
<th>Technical Studies</th>
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<tr>
<td>Consultation with communities living near associated development sites.</td>
<td>Ongoing environmental study and assessment, including completion of Wickham Market archaeology</td>
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<td>Workshops and consultation with local authorities and DEFRA agencies.</td>
<td>Ongoing engineering design work.</td>
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<td>Formal consultation on the detailed preferred proposals for the Sizewell C project to follow later in the year.</td>
<td>Further development of with-development traffic modelling.</td>
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Thank you