



SCOTTISHPOWER
RENEWABLES

Phase 3.5 Consultation

East Anglia TWO and East Anglia ONE North

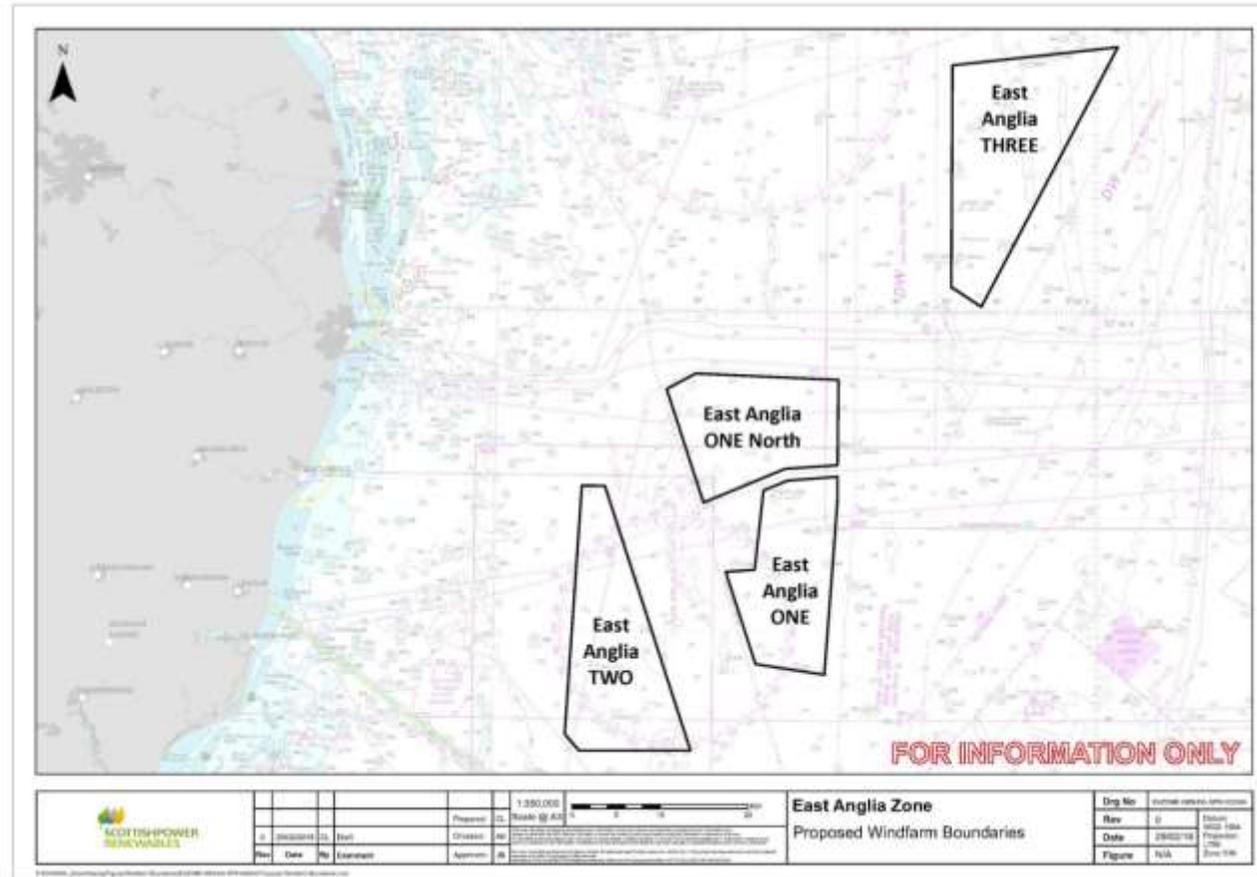
Phase 3.5 Consultation

1. Introductions
2. Background
3. Phase 3.5 - The Big Questions
4. Phase 3.5 - The Details
5. Phase 3.5 - Next Steps
6. Questions

Phase 3.5 Consultation - Background

ScottishPower Renewables' East Anglia Projects

- East Anglia ONE construction phase commenced:
 - Onshore in 2017
 - Offshore in 2018
- East Anglia THREE consent obtained 2017.
- East Anglia TWO and East Anglia ONE North are the next projects being developed by ScottishPower Renewables.



Phase 3.5 Consultation - Background

- East Anglia TWO and East Anglia ONE North have completed three phases of pre-application consultation.
- In response to requests to investigate and following discussions with EDF Energy, we have decided to undertake an additional consultation phase. This is titled Phase 3.5.
- This phase explores the use of the EDF Energy mitigation land (known as the Broom Covert, Sizewell), within the Suffolk Coast and Heaths Area of Outstanding Natural Beauty (AONB), in addition to the site at Grove Wood, Friston.



Phase 3.5 Consultation - Background

Phase 3.5 Consultation runs from 29 September to 29 October.

Phase 3.5 Consultation is an opportunity to:

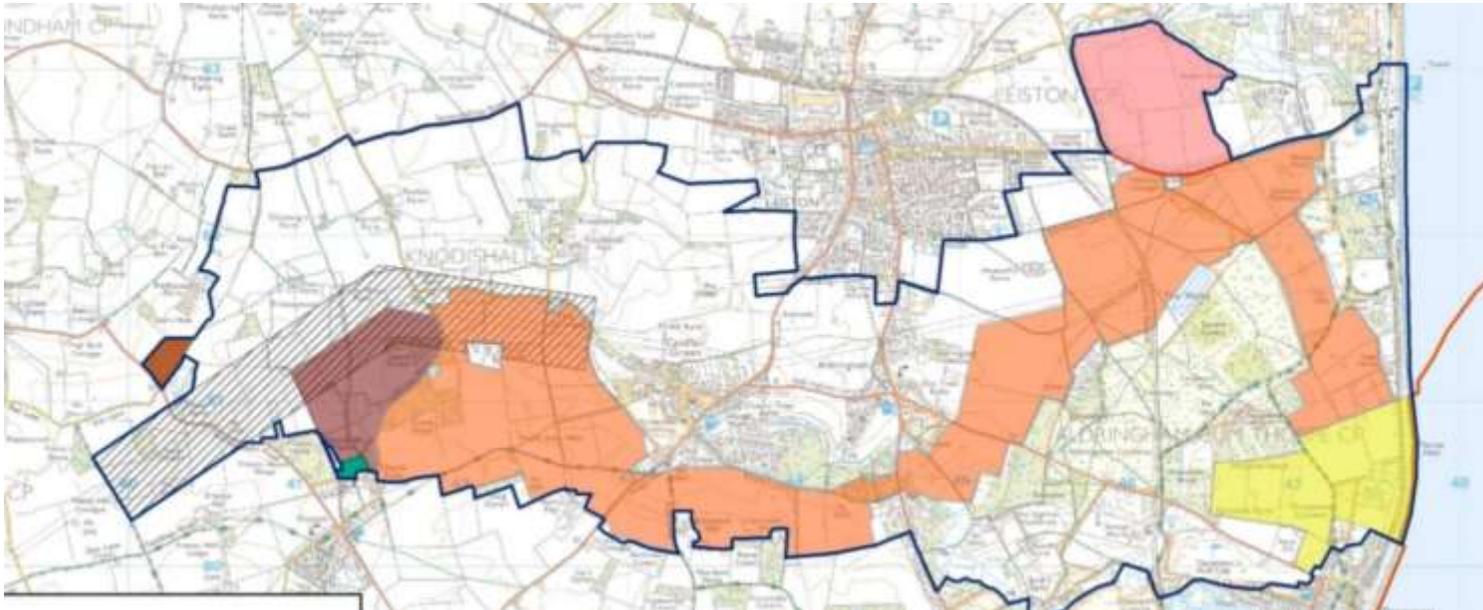
1. Consider a new site at Broom Covert, Sizewell, in parallel with Grove Wood, Friston.
2. Provide information on the requirements for alternative land for ecological mitigation.
3. Provide information on access, broad landscaping and drainage plans.
4. Refine the area required for National Grid Energy Transmissions (NGET) connection.
5. Provide initial information on proposed improvements to parts of the wider local road network.
6. Provide information about progressing in parallel the consent applications for East Anglia TWO and East Anglia ONE North Offshore Windfarms.

.....let's look at each of these in turn

Phase 3.5 Consultation - The Big Questions

Which alternative site is being investigated?

- Land on the EDF Energy estate, currently used as reptile mitigation land for the Sizewell C development.



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Phase 3.5 Consultation - The Big Questions

Why was Broom Covert, Sizewell previously ruled out?

- It is a site being used by EDF Energy as an ecological site to relocate protected wildlife in preparation for the Sizewell C development.

We are considering this location now but...

- The highest status of national policy protection afforded to the Suffolk Coast and Heaths AONB remains unchanged.
- Given the coastal location of the Broom Covert, Sizewell site, the harmonic filters would require enclosing within a building up to 21m high.

Does this mean Grove Wood, Friston, is no longer being considered?

- Grove Wood, Friston, is still being considered and EIA works are progressing on this site. In parallel ScottishPower Renewables is considering whether the Broom Covert, Sizewell site is a viable option for substation development.

Phase 3.5 Consultation – The Details

1. Consider in parallel Grove Wood, Friston and a new site at Broom Covert, Sizewell

- A Red Amber Green (RAG) addendum has been undertaken to assess the Broom Covert, Sizewell site. This RAG assessment uses the same evaluation criteria as that used for Grove Wood, Friston, to ensure consistency across both sites.
- The RAG assessment is one part of the site selection process.

Substation Zone	No. of Red Scores	No. of Amber Scores	No. of Green Scores
Grove Wood, Friston	2 x red	7 x amber	37 x green
Broom Covert, Sizewell	2 x red	18 x amber	26 x green

- The table shows that Broom Covert, Sizewell site is comparable to the Grove Wood, Friston site. It scores the same number of Red scores as Grove Wood, Friston, but the Broom Covert, Sizewell site does have a greater number of Amber scores.

Phase 3.5 Consultation – The Details

2. Provide information on the requirements for alternative land for ecological mitigation

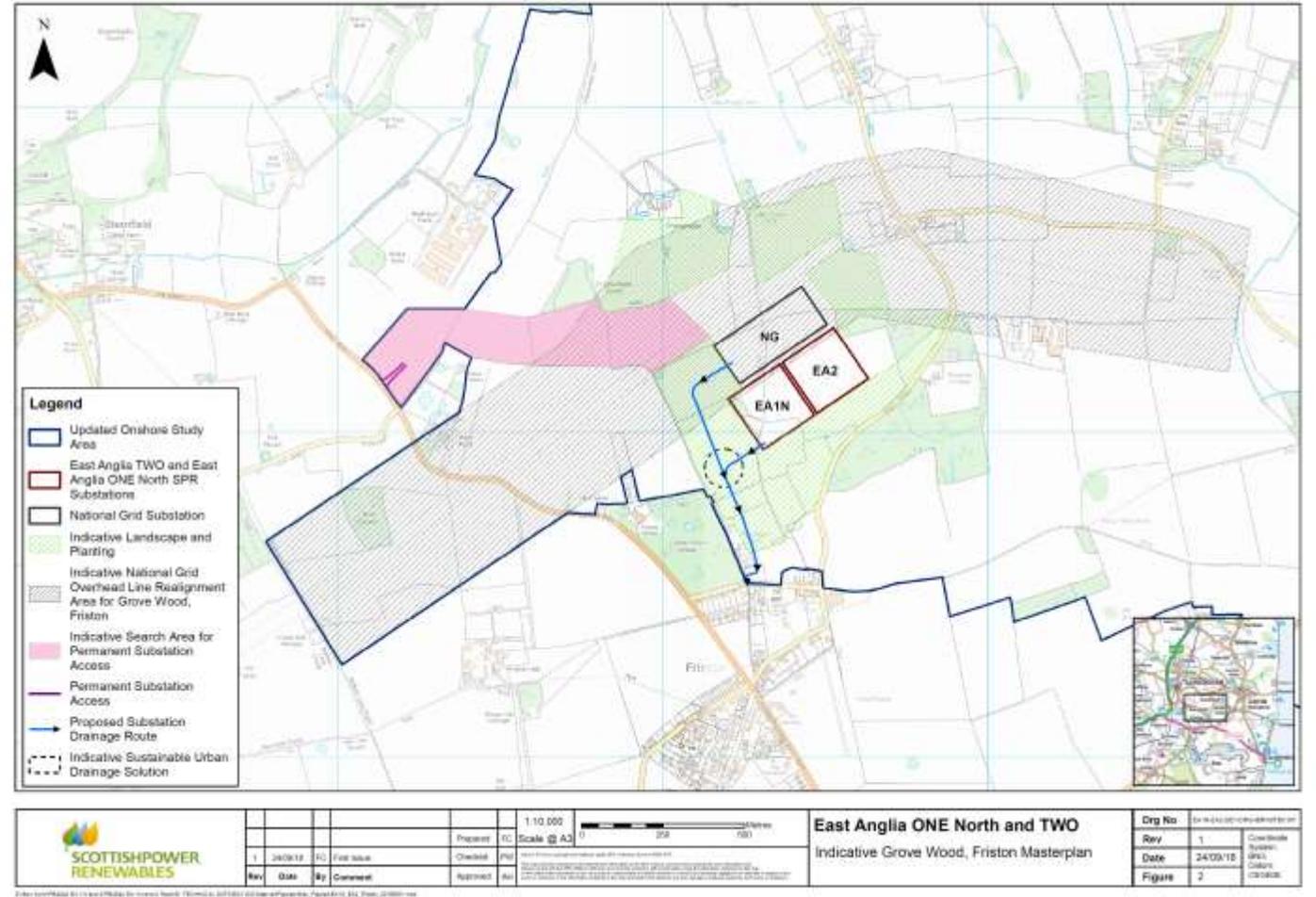
- If Broom Covert, Sizewell was selected, ScottishPower Renewables would need to identify land parcels, which fulfil the EDF Energy requirements of a suitable reptile receptor site.
- The key requirements are:
 1. A suitable habitat site within the onshore study area
 2. Of comparable size to the existing receptor site
 3. Not supporting reptiles at present
 4. The site should be capable of supporting suitable habitat
 5. Preferably no existing right of way through the sites
 6. Close proximity to the existing EDF Energy estate
 7. Agreed with Natural England and Suffolk Wildlife Trust
 8. The land needs to be ready for translocation so as not to delay construction of Sizewell C

Phase 3.5 Consultation – The Details

3. Provide information on access, broad landscaping and drainage plans

Grove Wood, Friston:

- Permanent access (non HGV)
- Landscaping
- Drainage
- Overhead line realignment

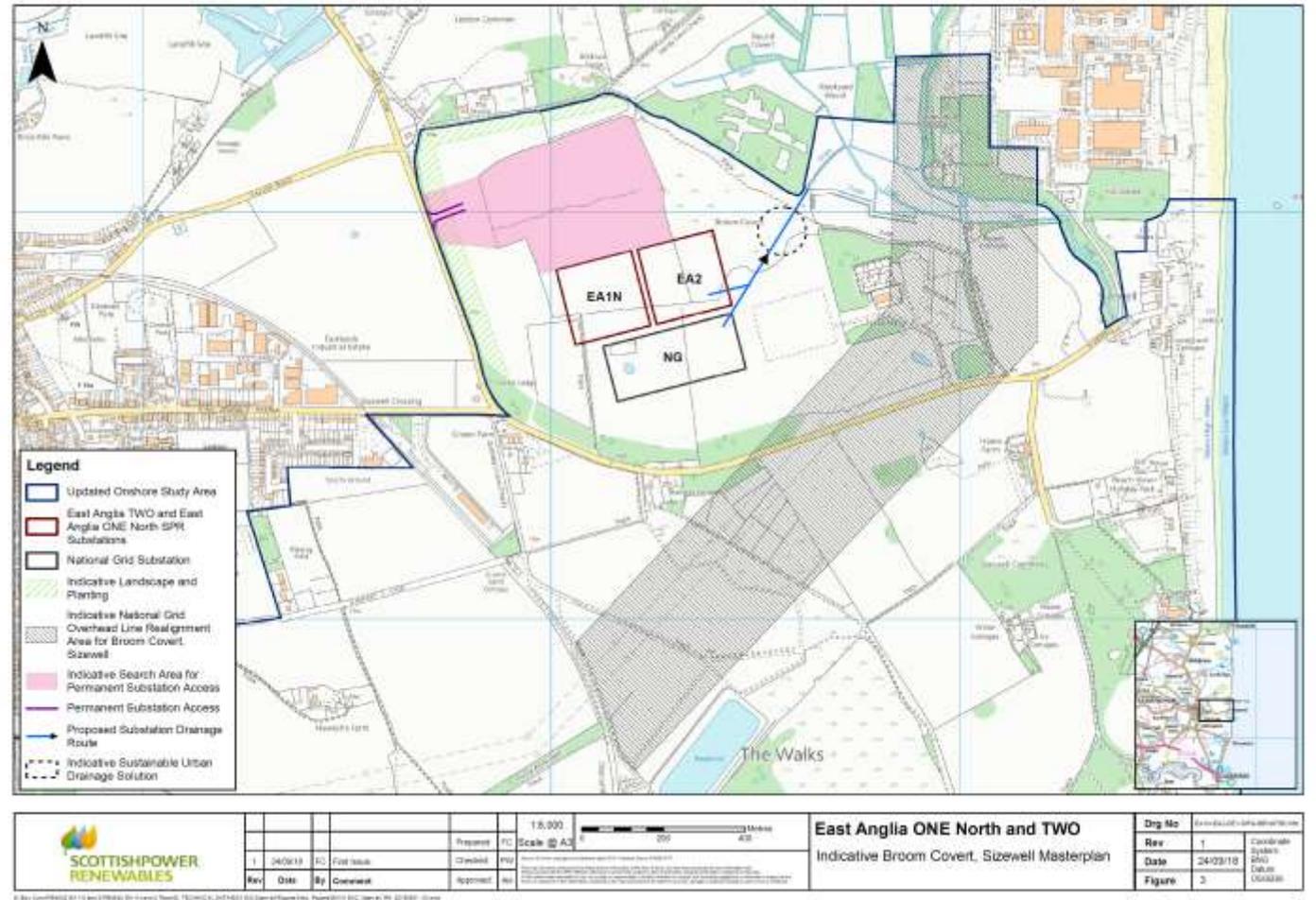


Phase 3.5 Consultation – The Details

3. Provide information on access, broad landscaping and drainage plans

Broom Covert, Sizewell:

- Permanent access
- Landscaping
- Drainage
- Overhead line realignment



Phase 3.5 Consultation – The Details

4. Refine the area required for National Grid Energy Transmissions (NGET) connection

Grove Wood, Friston site key points:

- A temporary overhead line diversion will be required to allow the construction of the new overhead line connection
- This has led to the change in the area presented during Phase 3.

Broom Covert, Sizewell site key points:

- Broad Indicative area included at this stage in which works would take place
- A temporary overhead line diversion may be required to allow the construction of the new connection similar to Grove Wood, Friston
- NGET are currently exploring the overhead line connection options in this area.

Phase 3.5 Consultation – The Details

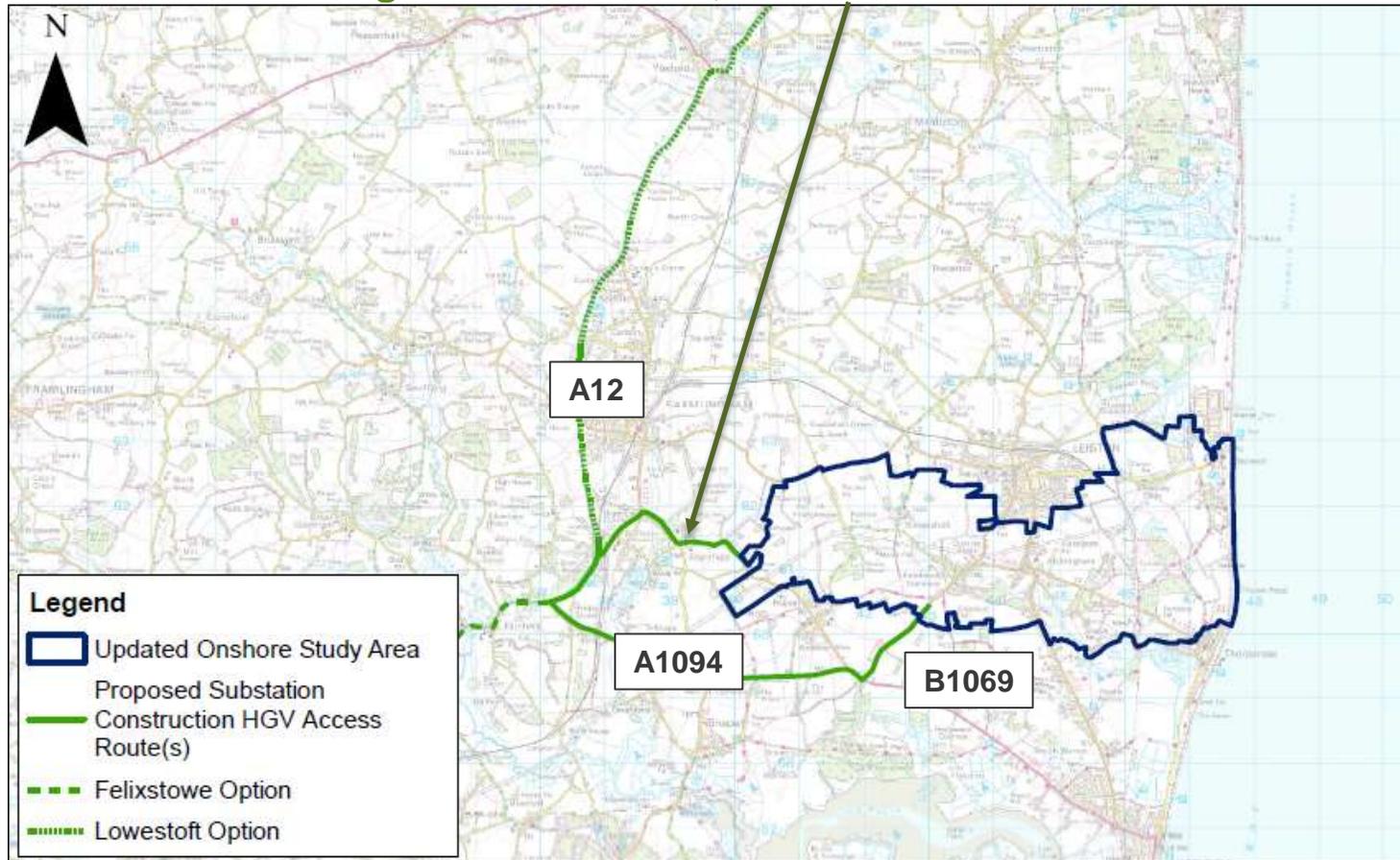
5. Provide initial information on proposed improvements to parts of the wider local road network

- Substation construction access
- Cable route construction access
- Landfall construction access
- Abnormal Indivisible Load

Phase 3.5 Consultation – The Details

HGVs - Grove Wood, Friston substation site:

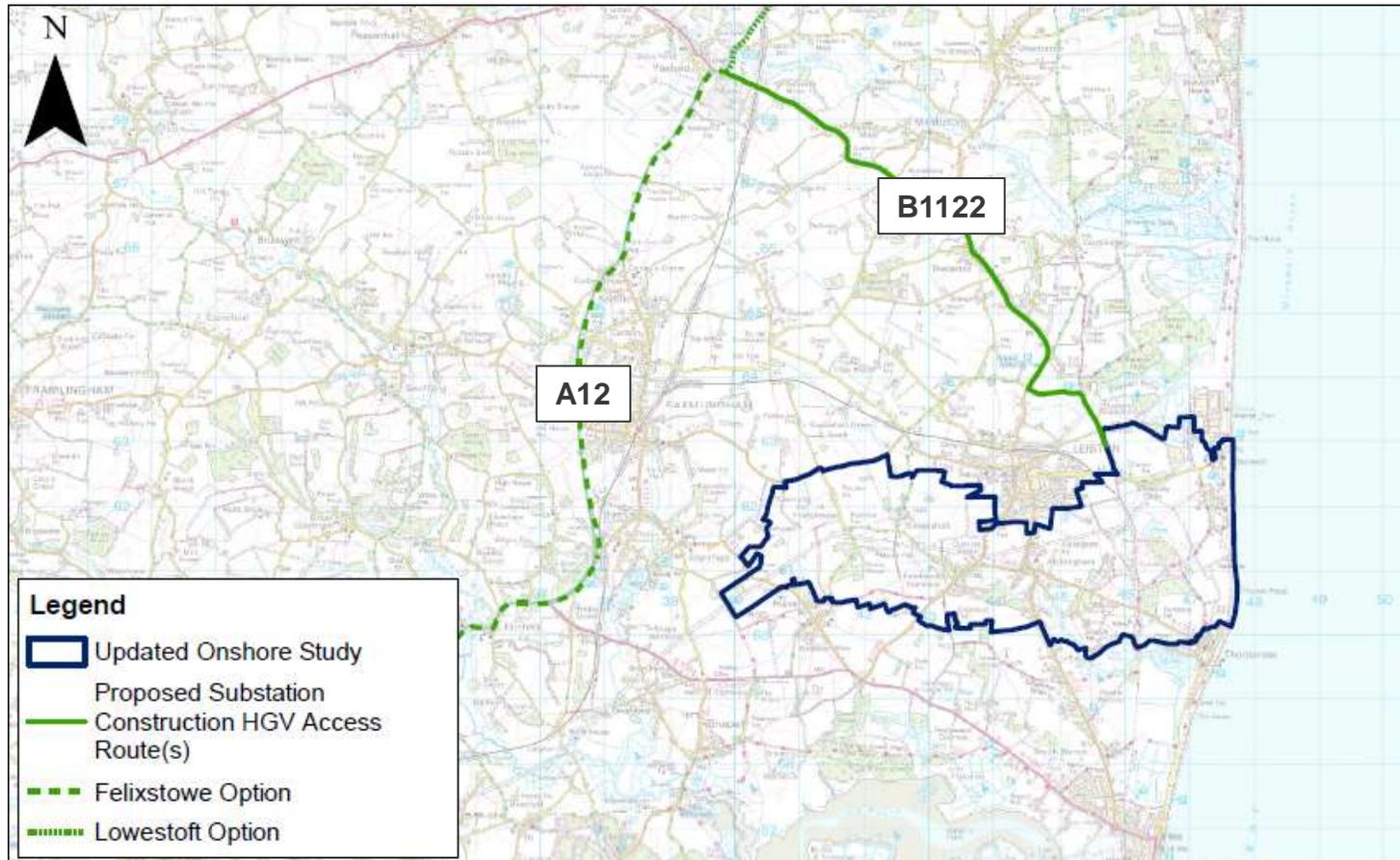
- Travel along the A12 and join the A1094 (Friday Street). From the A1094 join the B1069 and access a dedicated haul road south of Coldfair Green.
- **No HGV access through Benhall Green, Sternfield or Friston.**



Phase 3.5 Consultation – The Details

HGVs - Broom Covert, Sizewell substation site:

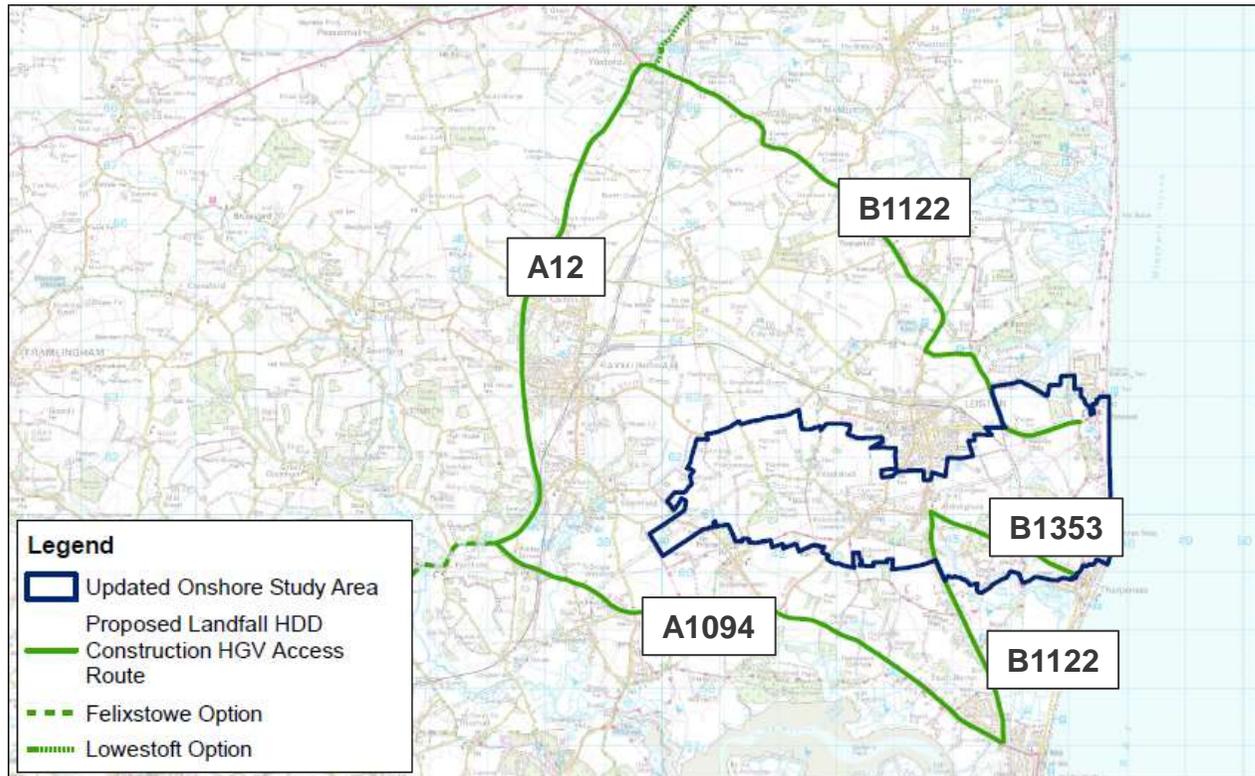
- Travel along the A12 and join the B1122 at Yoxford authorised HGV route. From the B1122 (an authorised HGV route) join Lovers Lane and access the substation site via Lovers Lane and/or Sizewell Gap Road.



Phase 3.5 Consultation – The Details

HGVs - Landfall Construction:

- Independent of which substation site is selected.
 - **No HGV access through Thorpeness.**
 - Travel along the A1094 toward Aldeburgh, taking the B1122 north to the junction with the B1353 (Thorpeness Road) on to a temporary haul road (avoiding Thorpeness Village).
 - Access from the north would be via a temporary haul road off Sizewell Gap Road.



Phase 3.5 Consultation – The Details

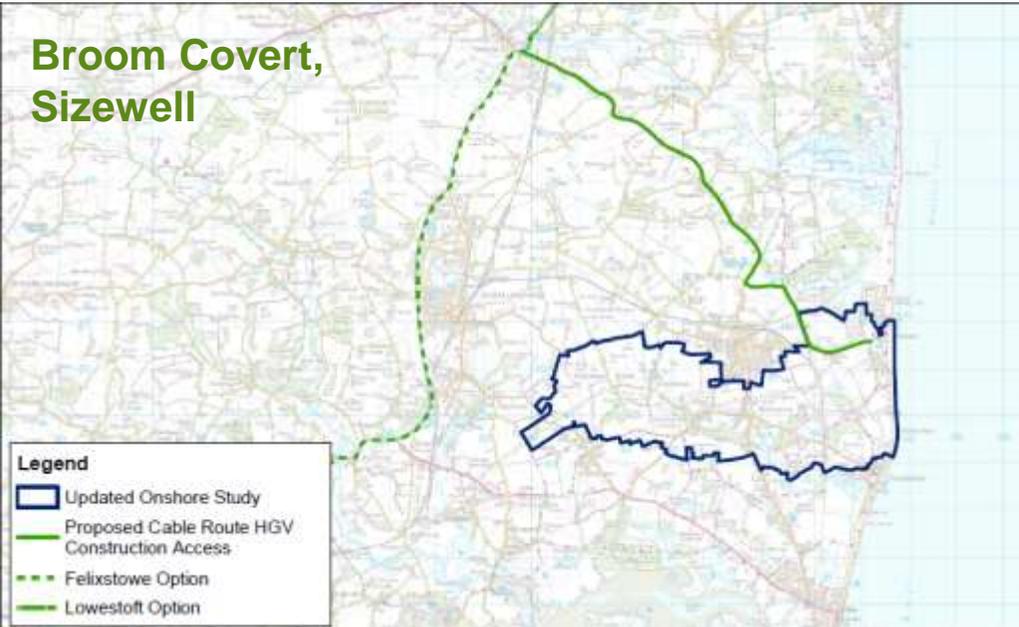
HGVs - Cable Corridor:

- HGVs would travel along the A12 to either:
 - the A1094 and travel to the B1069 to access the cable route via a temporary haul road south of Coldfair Green; or
 - The A1094 and travel to the B1122 to access the cable route via a haul road south of Aldringham; or
 - the B1122 (at Yoxford) and travel to Sizewell Gap Road to access the cable route via temporary haul roads west of Sizewell.

Grove Wood, Friston



Broom Covert, Sizewell



Phase 3.5 Consultation – The Details

Abnormal Indivisible Loads (AIL):

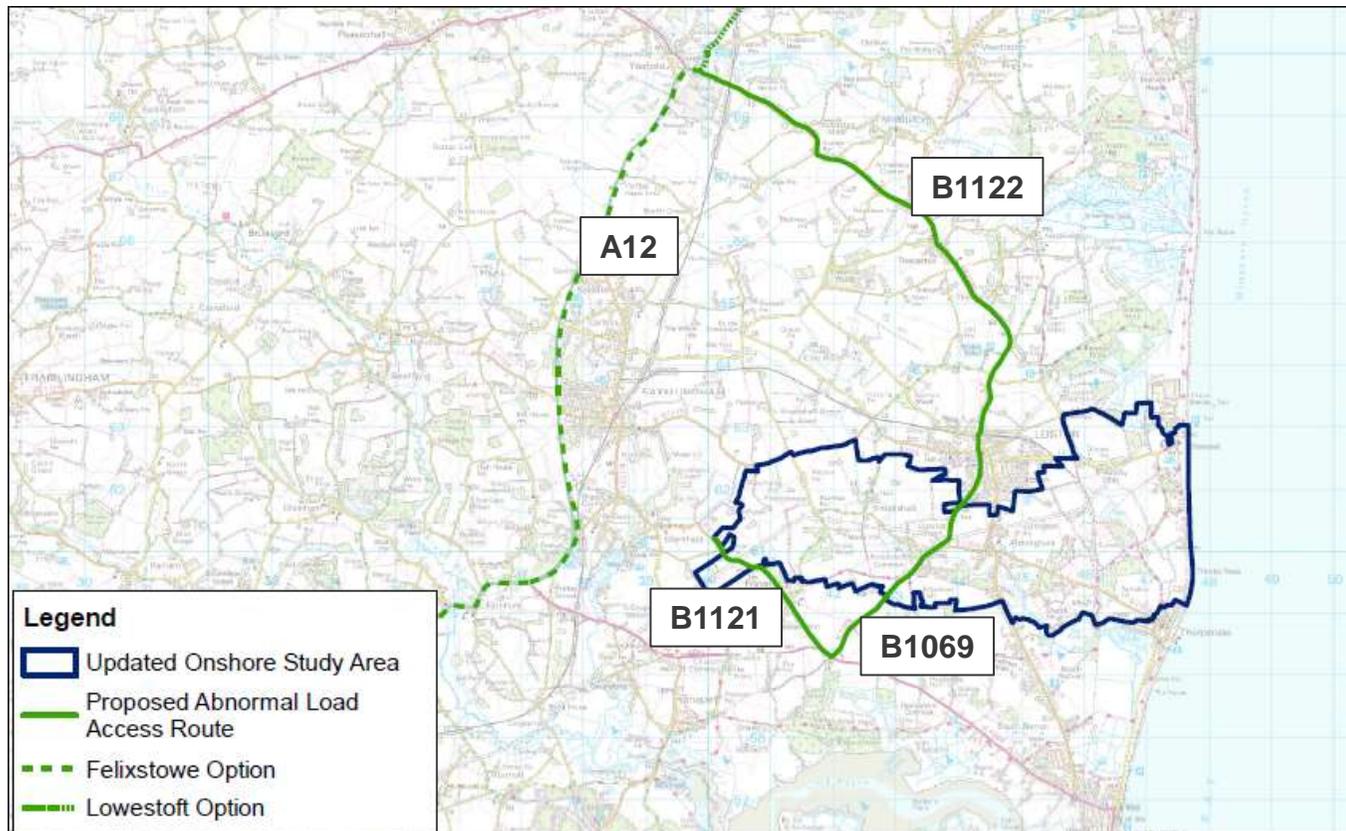
- AIL are loads that cannot be divided into smaller loads for the purpose of being transported by road.
- The largest AIL deliveries will be transformers delivered to the selected substation site (two per project) during construction.
- Provision of an AIL access to the selected substation site is also required during operations.



Phase 3.5 Consultation – The Details

AIL to Grove Wood, Friston Substation Site

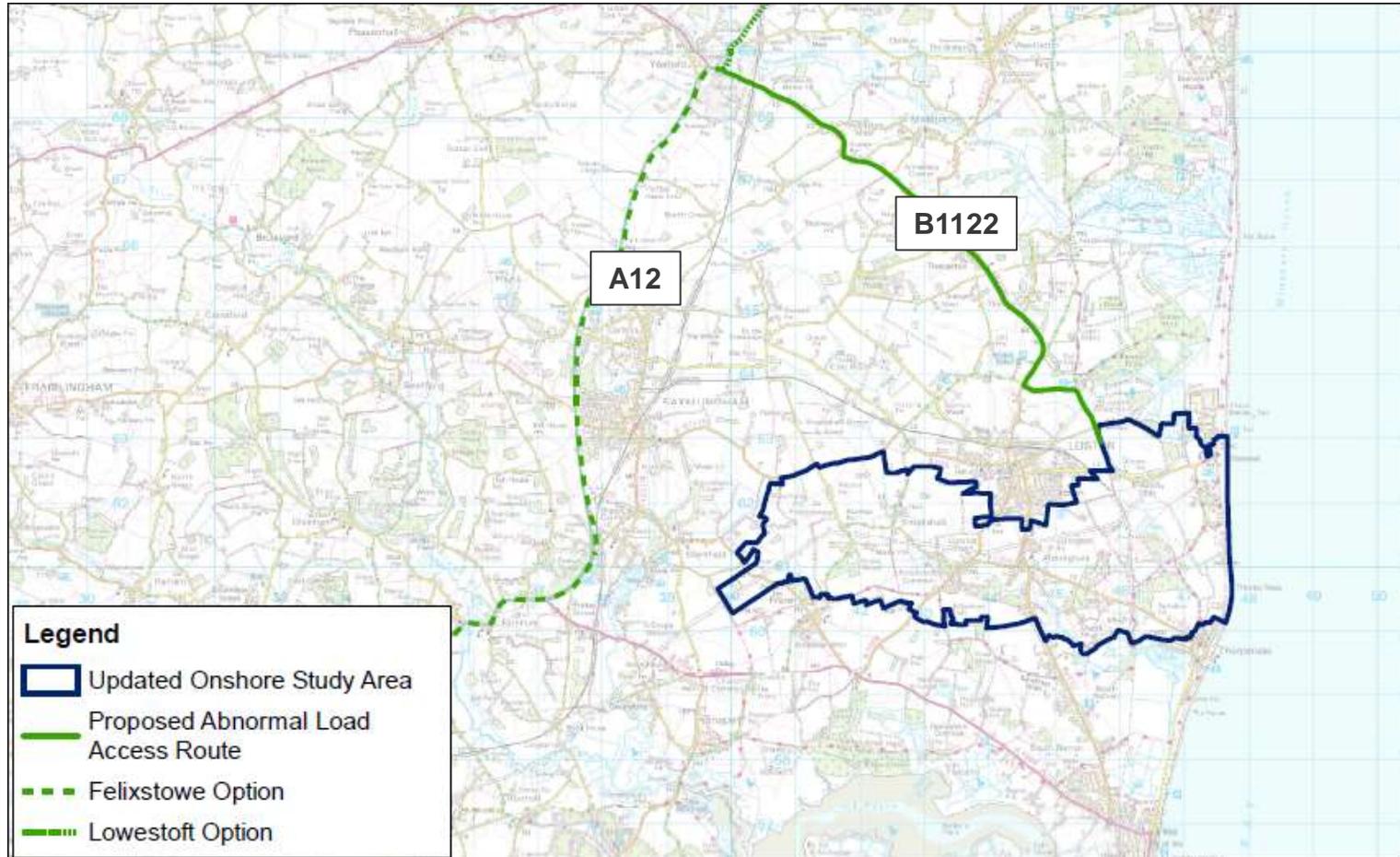
- Travel along the A12 and join the B1122 at Yoxford. From the B1122 join the B1069 and the B1121. Access the substation site off the B1121 via a new permanent access road between Friston and Sternfield.
- **No AIL access through Benhall Green or Sternfield.**



Phase 3.5 Consultation – The Details

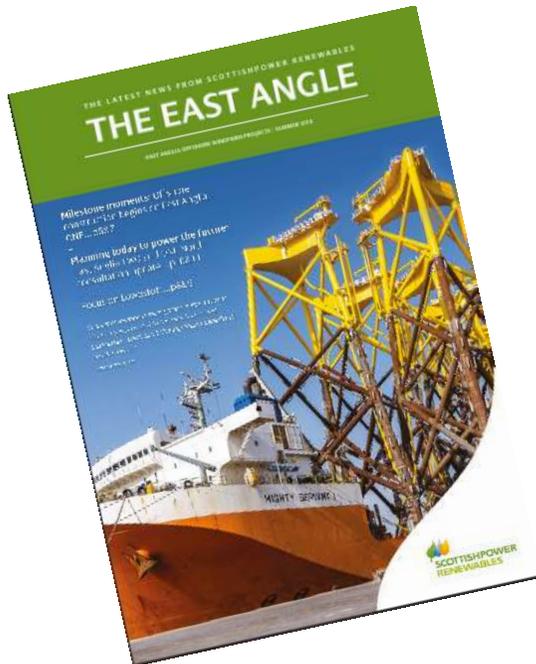
AIL to Broom Covert, Sizewell Substation Site

- Travel along the A12 and join the B1122 at Yoxford. From the B1122 join Lovers Lane and access the substation site via Lovers Lane or Sizewell Gap Road.



Phase 3.5 Consultation – Next Steps

- Decision on substation locations
- Phase 4 Consultation – early 2019
- Application – Q4 2019
- Examination – expected 2020
- Consent decision – expected end 2020/early 2021
- Generation



Focus on Lowestoft: How offshore wind is rejuvenating this coastal town

Focus on Lowestoft: How offshore wind is rejuvenating this coastal town

It is a "huge opportunity" for Lowestoft

In 2011 we agreed a 30-year deal worth £1.5 billion for the first of our offshore wind farms in the East Angles. The town and region has been a beneficiary of this investment. We have seen a significant increase in the number of jobs in the region, particularly in Lowestoft. These ranges, we manage for the future. It is a huge opportunity for the town and region. We are committed to supporting the growth of the region and the jobs that it creates. We are committed to supporting the growth of the region and the jobs that it creates.

Quiet revolution brings significant benefits to coastal towns

It is often said that the quiet revolution of offshore wind is bringing significant benefits to coastal towns. This is true. The industry has created thousands of jobs in the region, particularly in Lowestoft. These ranges, we manage for the future. It is a huge opportunity for the town and region. We are committed to supporting the growth of the region and the jobs that it creates.

Multi-million contract awarded to Lowestoft firm

A multi-million contract has been awarded to a Lowestoft firm. This is a significant milestone for the town and region. The contract is for the supply and installation of offshore wind turbine components. This is a significant milestone for the town and region. The contract is for the supply and installation of offshore wind turbine components.

Investment in training

We are dedicated to helping Lowestoft produce the next generation of wind energy professionals. This is a significant milestone for the town and region. The investment is for the supply and installation of offshore wind turbine components. This is a significant milestone for the town and region. The investment is for the supply and installation of offshore wind turbine components.

By Peter Aldous MP for Lowestoft

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Many of the largest developments are taking place off the East Anglian coast, with significant job opportunities emerging

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From carpenter to captain!

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Phase 3.5 Consultation – Next Steps

ScottishPower Renewables welcome your feedback on the topics raised in our Phase 3.5 Consultation.

You can provide your responses to us via the below methods:

- Online feedback form available at:

https://www.scottishpowerrenewables.com/pages/ea_one_north_phase_3_5_consultation.aspx

or

https://www.scottishpowerrenewables.com/pages/ea_two_phase_3_5_consultation.aspx

- Emailing us: eastangliaonenorth@scottishpower.com or eastangliatwo@scottishpower.com

- Return a feedback form or write to us:

ScottishPower Renewables East Anglia TWO and/or ScottishPower Renewables East Anglia ONE North
RTLY-RLGH-GKSE FREEPOST, 25 Priestgate, Peterborough PE1 1JL

Please ensure that your response states which project/s you are responding on behalf of.



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Thank you

Questions