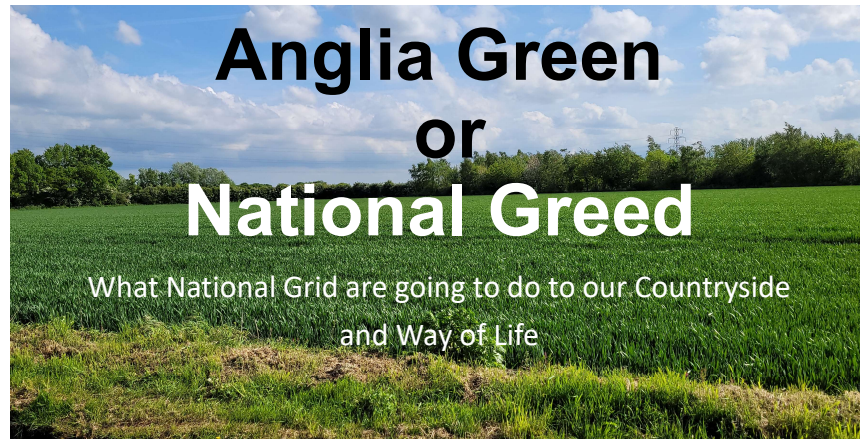
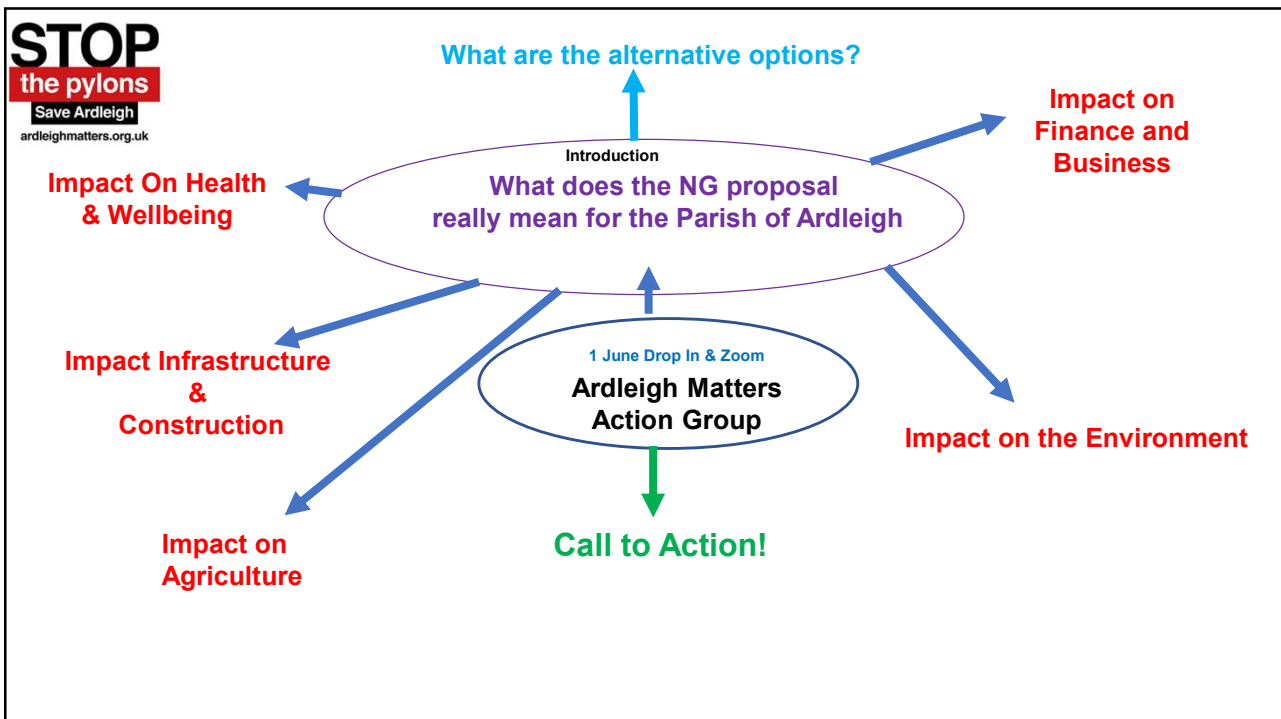


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1



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What is the National Grid Proposal



- Across Norfolk, Suffolk and Essex **180 km of Pylons**
- In the Parish of Ardleigh **10 Km of overhead cable and 27 x 50 metre Pylons**

• In addition, in Ardleigh and surrounding Parishes:



- **1 x 45-acre National Grid substation +**
- **2 x 45-acre Wind Farm substations = to 100 Football Pitches**



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What are the alternative options?



T bar Pylons



A cable is laid during construction with a single cable trench open

Undergrounding



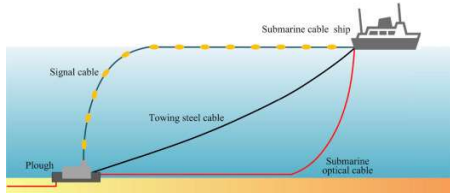
Re-routing

4

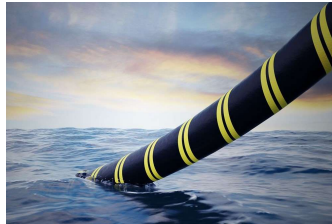
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What are the alternative options?

None of the previous alternatives solve our problem!



Undersea is the only sensible alternative!



In 2020 National Grid calculated that to rationalise the networks and go undersea would save consumers

£6 billion.

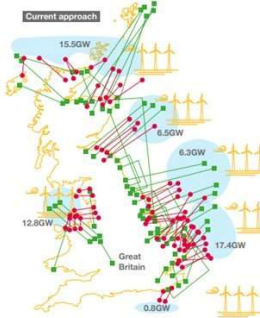
Further report on creating an undersea grid awaited in June 2022.

5

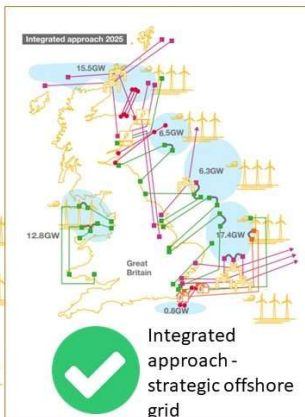
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Why we are calling for a strategic offshore grid:

Source – National Grid 2020
<https://www.nationalgrideso.com/document/183031/download>



X Piecemeal
(plus 180km
of pylons)



Integrated
approach -
strategic offshore
grid

- It has the potential to **save consumers approximately £6 billion**
- There are **significant environmental and social benefits** with an integrated approach because 50% fewer cables and onshore landing points are required.

Please sign the petition www.pylonseastanglia.co.uk

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Impact on the Environment

Air quality and emissions



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Impact on the Environment

Soils and geology



- Haulage roads
- Pylons
- Substations

8

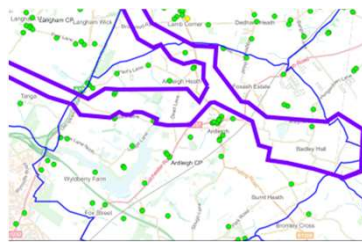
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Impact on the Environment

Water Environment



Landscape and Visual



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Impact on the Environment

This



Could become this!



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Impact on the Environment

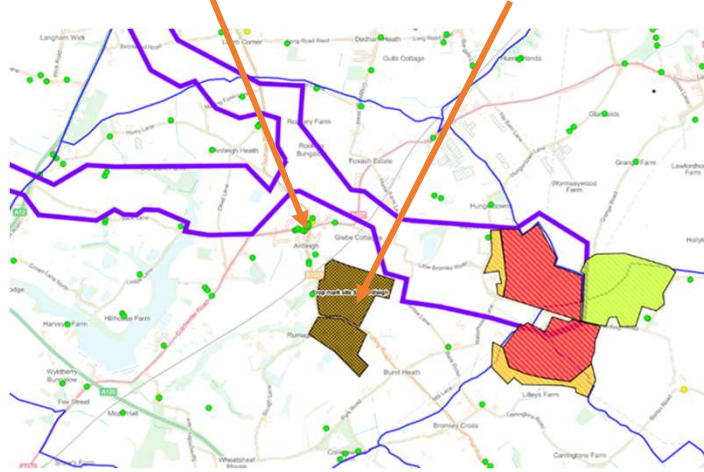
Historic Environment



This picture by Roger Massey-Ryan shows what Ardleigh may have looked like in 1,200BC

Listed buildings

Site of Ancient Monument



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Impact on the Environment

Biodiversity

National Grid

Key factors for consideration for terrestrial biodiversity are the land take in relation to the size of the substations, numbers of pylons, and consequent effects for habitats and protected species.

Threats :

- Temporary and permanent direct habitat loss



- The effects of indirect habitat loss



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Impact on the Environment

Threats :

- Threat from collision with overhead lines



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Impact on the Environment

Noise

There are three types of noise associated with Pylons and Substations

1. Construction noise
2. Noise from Pylons and overhead cables
3. Noise from Substations



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Impact on Health and Wellbeing

Impact: Health Risks: Reported adverse effect of living near pylons:



Stress and mental health:

How far should I live from overhead power lines and substations?



Financial worry of house values and saleability:



Impact on Business and Finance

Tourism and business:



Outdoor Entertainment:



Agriculture



Loss in the value of housing





Impact on Agriculture

- Disruption to land (many acres in some cases)
- Temporary access haul roads
- Removed topsoil
- Hampering field operations
- Concerns about security, noise and lighting



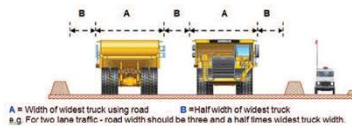
- Decimation of trees, hedgerows, wildlife and habitats
- The long-term affect generated by the permanent pylons and overhead power lines.
 - EMF
 - Ultraviolet
 - Effects on livestock

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Impact of Constructing haulage roads, pylons and substations

Haulage & access roads



Size of vehicles on our roads 24 hrs



Noise and pollution from constructing pylons and substations



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Impact of undergrounding



A typical sealing end compound for a directly buried cable

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Call to Action

Ideas for Complaints

National Grid did NOT notify everyone under the 'purple swathe'

How close to the school will pylons be sited ?

Who to write to

Who to write to:

Secretary of State each time – he has the final say whether this goes ahead or not!

Kwasi Kwarteng MP - Secretary of State secretary.state@beis.gov.uk

And Greg Hands MP - Minister of State for Business, Energy and Clean

Growth of the United Kingdom enquiries@beis.gov.uk

WRITE TO MP: bernard.jenkin.mp@parliament.uk

WRITE TO COUNCILLORS:

- ❖ clr.nstock@tendingdc.gov.uk (Ardleigh & Lt Bromley)
- ❖ clr.gguglielmi@tendingdc.gov.uk (Lawford & Essex cc)
- ❖ clr.gscott@tendingdc.gov.uk (Airesford & Elmstead)
- ❖ clr.awiggins@tendingdc.gov.uk (Airesford & Elmstead)

Templates

Dear _____

We, a residential affected property, have received a notice, dated 14th April 2022, indicating that National Grid is consulting on proposals to replace the high-voltage overhead transmission network between Norwich and Tisbury, as well as a new connection infrastructure to Tending Green to connect new offshore wind generation between East Angles Island.

We were surprised to read that National Grid is proposing 16km of 'purple swathe' direct buried cables, including 14km of cables that will be 100 years old! In the 'purple swathe' the cables will be laid in a trench with concrete lining.

We are also highly alarmed about the proposal to site a massive National Grid sub-station 60m wide on the Parish of Ardleigh and adjacent parishes, on a residential green field (Figure 1). It is a potential consequence of the single cable trench route.

In addition, the cables will be laid in a trench with concrete lining, and proposed to be sited in a residential area, as well as a 'purple swathe' of cables. These cables will be a significant impact on the Parish of Ardleigh, East Angles Island, and the Parish of Tending Green.

We, the Parish of Ardleigh, are currently in the process of preparing a consultation document for the installation of a tracking and tracing system to be used for the purpose of identifying the location of the cables and wires to be laid in 'purple swathe' direct buried cables.

The route of the pylons would surround the village of Ardleigh on three sides, generally in a line with the railway line. This route would be very close to the village of Ardleigh and the nearby residential areas. Although some of the most attractive countryside in the Parish, it is a green landscape, with many beautiful views and scenic beauty. The route would be very close to the village of Ardleigh and the nearby residential areas, which would be a significant impact on the Parish of Ardleigh, East Angles Island, and the Parish of Tending Green. The route would be very close to the village of Ardleigh and the nearby residential areas, which would be a significant impact on the Parish of Ardleigh, East Angles Island, and the Parish of Tending Green.

The consultation does not state any other options to be considered. It simply presents a proposed route which is a short-term solution, ignoring the need for a long-term, strategic approach to energy distribution. The proposed route would appear to be a route which would result in a significant impact on the Parish of Ardleigh, East Angles Island, and the Parish of Tending Green.

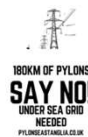
Continued...

(Page 1 of 2)

What you can do Now!

- Sign up to the petition (you may be able to do this here now!) or visit:

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



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