

**ENERTRAG**  
UK Limited

ENERTRAG UK LTD, Suite H, Diss Bus. Park, Norfolk IP22 4GT

Mr Ray McMurray, Planning Officer  
Area 1 Planning  
South Cambridgeshire District Council  
Cambourne Business Park  
Cambourne, Cambridge, CB23 6EA

date

24th April 2007

cc

subject

**Request for Scoping Opinion:**  
**Proposed Wind Farm Site at Linton**

response to

Dear Mr McMurray

Further to my conversation with your office on 23<sup>rd</sup> April 2007, Enertrag UK Ltd is proposing to apply for planning consent to construct 8 wind turbines at a site to the south west of Linton, Cambridgeshire. The location and indicative position of the turbines is shown in the attached drawing. Enertrag UK Ltd has reviewed the proposed development, the findings of which are set out in this letter.

**Environmental Impact Assessment**

It is intended that an Environmental Impact Assessment (EIA) of the proposals will be undertaken in accordance with the Town and Country Planning (Environmental Impact Assessment) (England and Wales) Regulations 1999, and that an Environmental Statement (ES) will be submitted with the planning application.

**Scoping Opinion**

As part of the EIA process, and as required by the Regulations, we are requesting from the Council a 'Scoping Opinion' based on the impacts and issues that the EIA should address. We have set out below the areas which we propose to include in the ES along with the anticipated work requirements. We would be grateful if, as part of your Scoping Opinion you could indicate to us your acceptance or otherwise of the issues addressed, or areas where you may think more or less work is required.

\_\_\_\_\_  
Directors  
\_\_\_\_\_  
Dipl.-Ing Ingo de Buhr  
\_\_\_\_\_  
Dipl.-Ing André Hamers  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
UK OFFICE  
\_\_\_\_\_  
Suite H  
\_\_\_\_\_  
Diss Business Park  
\_\_\_\_\_  
Hopper Way, Diss  
\_\_\_\_\_  
Norfolk IP22 4GT  
\_\_\_\_\_

\_\_\_\_\_  
European Office  
\_\_\_\_\_  
Gustav-Elster-Str.1  
\_\_\_\_\_  
26789 Leer  
\_\_\_\_\_  
Germany  
\_\_\_\_\_

\_\_\_\_\_  
Tel: 01379 642564  
\_\_\_\_\_  
Fax: 01379 641869  
\_\_\_\_\_

\_\_\_\_\_  
e-mail:  
\_\_\_\_\_  
enquiries@enertraguk.com  
\_\_\_\_\_

\_\_\_\_\_  
company number:  
\_\_\_\_\_  
415 14 14  
\_\_\_\_\_

## **Brief Description of the Wind Farm Development**

It is anticipated that eight 2-3 megawatt (MW) turbines will be constructed on the site. Each turbine has a hub height of up to 85m and a rotor diameter of up to 90m. The maximum height of the structures is in the order of 125m with 20m diameter concrete base. In order to work safely and efficiently, a distance of 630m in predominant wind direction and 450m in a lateral direction is required between turbines. The approximate locations of the turbines are illustrated in the attached figure.

The connection to the grid would be buried and terminate at an existing 33 kV sub-station north of Linton. Discussions regarding the connection are ongoing with the DNO (District Network Operator).

## **Key Potential Environmental Impacts**

The key potential environmental issues/impacts associated with the proposed wind farm, covering a range of environmental parameters are discussed below. Each will be considered in the EIA. Where studies are required in order to describe the impact more fully or provide quantification of the magnitude of the impact, these are described.

- Landscape and Visual Character

The site is characterised by undulating arable farmland interspersed with field margins, hedgerows and mature trees. There are a number of residences surrounding the site, each of which are 700m or more away from the individual turbines. Views of the site will be possible from the outskirts of Linton and from surrounding isolated farm and properties, as well as from the local road network, public footpaths and bridleways.

A Landscape and Visual Impact Assessment will be undertaken including characterisation of the surrounding countryside with reference to the Countryside Agency's Landscape Character Assessment Guide. Sensitive visual receptors will be identified and a Zone of Visual Influence provided. Discussions will take place with the Council on the number and location of any necessary photomontages.

- Land Use and Planning

The area is predominantly arable farmland. There are some small areas of woodland adjacent to the proposed site. Negotiations with the land owner are complete and a contract has been entered into with Enertrag UK Ltd to allow the site to be developed should planning consent be obtained. Once the wind farm is operational agricultural use will continue. The impacts during the construction phase on the land use and the landowner/tenants will be considered in the EIA.

- Bird Interests

Natural England has advised that the site is not in close proximity to any statutory nature conservation site with bird interest features and that there is little existing knowledge regarding bird species present in the area.

Consultation with Natural England will continue to ensure that their interests are addressed.

- Terrestrial Ecology

A Phase 1 Habitat Survey will be undertaken of the area, to identify any habitats or species of nature conservation interest. This will include signs of protected species, e.g. badgers, bats and reptiles etc.

- Traffic and Access

Consultation will be undertaken with the highway authority to agree the most suitable routes for construction plant and materials. Full consideration will be given to potential disruption during the construction phase (anticipated 5-6 months). It is not intended that any specific studies will be undertaken, but appropriate mitigation measures will be recommended to ensure safety and minimal local traffic disruption.

- Aircraft Routes and Airspace

Consultation will take place with the Civil Aviation Authority and Defence Estates and any issues identified.

- Electromagnetic Interference and Shadow Flicker

The turbines have been located 700m from the nearest household in order to avoid any adverse electromagnetic effects or shadow flicker. These areas will be discussed in the EIA.

- Noise and Vibration

Modern turbines are inherently quiet, but in addition, the turbines have been located at a distance which will negate any adverse effects from noise or vibration on sensitive receptors such as residents. These issues will, however, be discussed in the EIA, which will cover potential effects during construction and operation. Due to the distances from sensitive receptors it is not intended that any quantitative noise studies will be undertaken.

## Consultation

As best practice, consultation will be undertaken with the following bodies in order to ascertain their interests and concerns. These will be addressed fully in the EIA and where necessary mitigation measures will be recommended. Please advise us of any other interests that you think should be included.

- South Cambridgeshire Council (Planning Control Department, Policy Unit, Environmental Services Department)
- Uttlesford District Council (the proposed location for turbine '8' falls into their area – see attached drawing)
- Linton Parish Council
- Hildersham Parish Council
- Great Abington Parish Council
- Hadstock Parish Council
- Great Chesterford Parish Council
- Cambridgeshire County Council (Highways)
- Environment Agency
- Natural England
- The Royal Society for the Protection of Birds (RSPB)
- The Wildlife Trust for Bedfordshire, Cambridgeshire, Northamptonshire and Peterborough
- English Heritage
- Civil Aviation Authority
- Defence Estates (MOD)

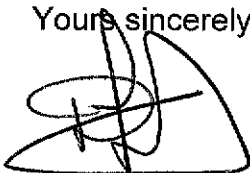
As part of the EIA and consultation process, public walk-in exhibitions will be held to inform local people about the proposals, explain the development and the likely effects. We would like to work in association with South Cambridgeshire Council on this issue and would be keen to discuss the most effective way of undertaking the public consultation in your district.

## Proposed Contents List

Please find attached a copy of the proposed contents list of the ES.

We trust you find the information helpful in providing us with a 'Scoping Opinion', however if you have any queries or questions, please do not hesitate to contact us. We would be happy to meet with you to discuss the project proposals in more detail if appropriate.

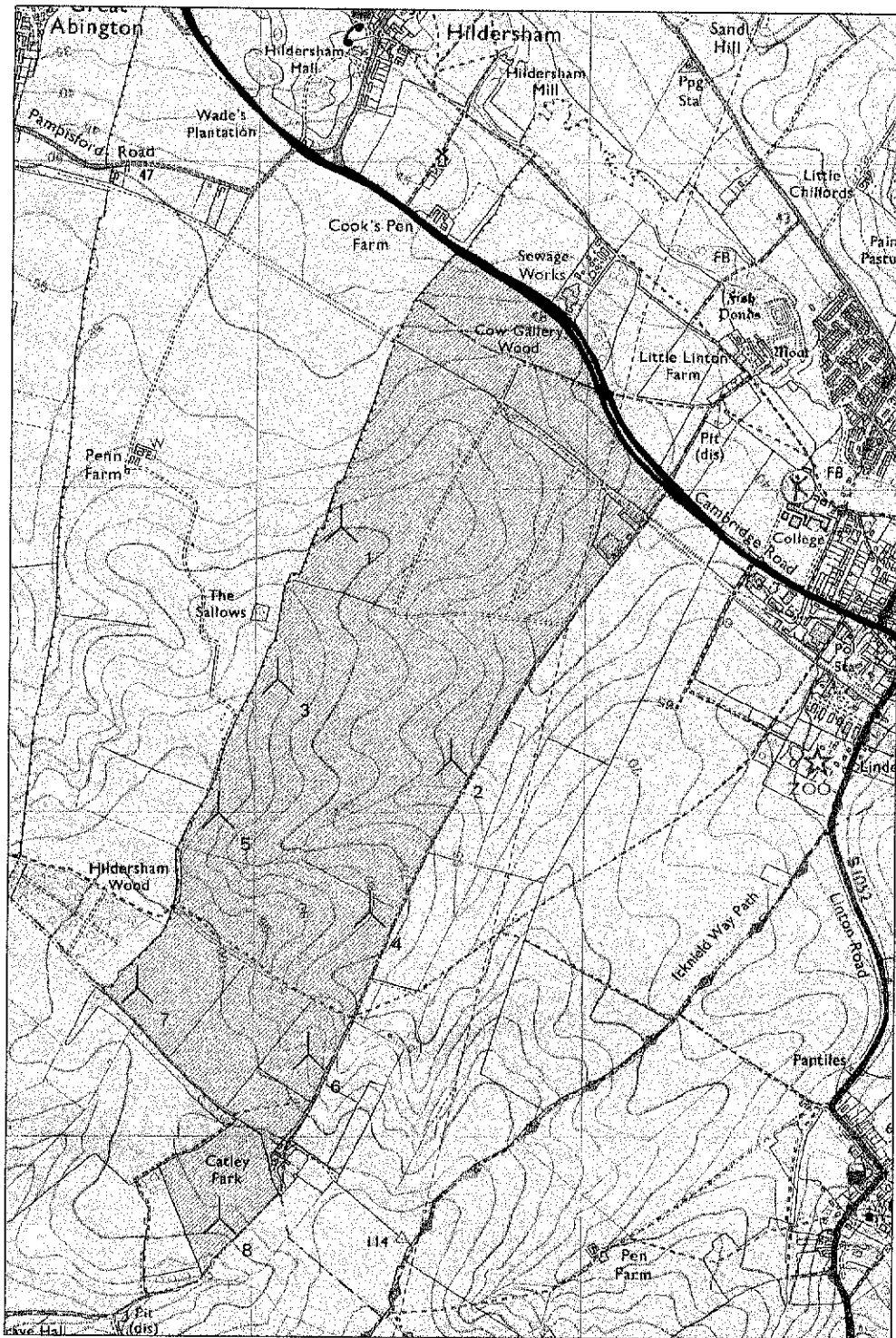
Yours sincerely



D Linley  
Manager of Projects  
For and on behalf of Enertrag UK Ltd

Encl.

Proposed Layout for Linton Wind Farm  
Revision 1



Enertrag UK Ltd  
Suite H  
Diss Business Park  
Hopper Way  
Diss, Norfolk  
IP22 4GT



## **CONTENTS**

### **NON-TECHNICAL SUMMARY**

- 1 INTRODUCTION**
  - 1.1 Background
  - 1.2 Brief Description of the Scheme
  - 1.3 Statement of Need
  - 1.4 Study Area
  - 1.5 Site Choice and Alternatives Considered
  - 1.6 Report Structure
  
- 2 PROJECT DETAILS**
  - 2.1 Introduction
  - 2.2 Project Components
  - 2.3 Site Access
  - 2.4 Construction Methodology
  - 2.5 Wind Farm Operation
  - 2.6 Decommissioning
  - 2.7 Environmental Best Practice
  - 2.8 Health and Safety
  
- 3 LEGISLATIVE CONTEXT AND THE EIA PROCESS**
  - 3.1 Introduction
  - 3.2 Legislative Context
  - 3.3 Scoping
  - 3.4 The EIA Process
  - 3.5 Consultation
  - 3.6 Public Meetings
  
- 4 POLICY AND PLANNING GUIDANCE**
  - 4.1 Introduction to the Planning System in England
  - 4.2 National Policy
  - 4.3 Regional Policy
  - 4.4 County Policy
  - 4.5 Local Policy
  - 4.6 Compliance with Planning Policies
  
- 5 SITE SELECTION**
  - 5.1 Introduction
  - 5.2 Assessment Methodology
  - 5.3 Assessment
  - 5.4 Summary

- 6 ECOLOGY
  - 6.1 Introduction
  - 6.2 Assessment Methodology
  - 6.3 Existing Environment
  - 6.4 Impacts during Construction on Ecological Interests
  - 6.5 Impacts during Operation on Ecological Interests
  - 6.6 Impacts during Decommissioning on Ecological Interests
  - 6.7 Summary
  
- 7 ORNITHOLOGY
  - 7.1 Introduction
  - 7.2 Assessment Methodology
  - 7.3 Existing Environment
  - 7.4 Impacts during Construction on Birds
  - 7.5 Impacts during Operation on Birds
  - 7.6 Impacts during Decommissioning on Birds
  - 7.7 Post Construction Monitoring
  - 7.8 Summary
  
- 8 GEOLOGY AND HYDROLOGY
  - 8.1 Introduction
  - 8.2 Assessment Methodology
  - 8.3 Existing Environment
  - 8.4 Impacts during Construction on Geology and Hydrology
  - 8.5 Impacts during Operation on Geology and Hydrology
  - 8.6 Impacts during Decommissioning on Geology and Hydrology
  - 8.7 Summary
  
- 9 LANDSCAPE AND VISUAL CHARACTER
  - 9.1 Introduction
  - 9.2 Assessment Methodology
  - 9.3 Existing Environment
  - 9.4 Impacts during Construction on Landscape and Visual Character
  - 9.5 Impacts during Operation on Landscape and Visual Character
  - 9.6 Visual Effects
  - 9.7 Mitigation
  - 9.8 Summary
  
- 10 ARCHAEOLOGY
  - 10.1 Introduction
  - 10.2 Assessment Methodology
  - 10.3 Existing Environment
  - 10.4 Impacts during Construction on Archaeology
  - 10.5 Impacts during Operation on Archaeology
  - 10.6 Impacts during Decommissioning on Archaeology
  - 10.7 Summary

- 11 LAND USE AND LOCAL COMMUNITY
  - 11.1 Introduction
  - 11.2 Assessment Methodology
  - 11.3 Existing Environment
  - 11.4 Impacts during Construction on Land Use and Local Community
  - 11.5 Impacts during Operation on Land Use and Local Community
  - 11.6 Impacts during Decommissioning on Land Use and Local Community
  - 11.7 Summary
  
- 12 TRAFFIC AND ACCESS
  - 11.1 Introduction
  - 11.2 Assessment Methodology
  - 11.3 Existing Environment
  - 11.4 Impacts during Construction on Traffic and Access
  - 11.5 Impacts during Operation on Traffic and Access
  - 11.6 Impacts during Decommissioning on Traffic and Access
  - 11.7 Summary
  
- 13 NOISE AND VIBRATION
  - 12.1 Introduction
  - 12.2 Assessment Methodology
  - 12.3 Existing Environment
  - 12.4 Noise and Vibration Impacts during Construction
  - 12.5 Noise and Vibration Impacts during Operation
  - 12.6 Noise and Vibration Impacts during Decommissioning
  - 12.7 Summary
  
- 14 DUST AND AIR QUALITY
  - 13.1 Introduction
  - 13.2 Assessment Methodology
  - 13.3 Existing Environment
  - 13.4 Impacts during Construction on Dust and Air Quality
  - 13.5 Impacts during Operation on Dust and Air Quality
  - 13.6 Impacts during Decommissioning on Dust and Air Quality
  - 13.7 Summary
  
- 15 SHADOW FLICKER
  - 14.1 Introduction
  - 14.2 Assessment Methodology
  - 14.3 Existing Environment
  - 14.4 Impacts during Construction on Shadow Flicker
  - 14.5 Impacts during Operation on Shadow Flicker
  - 14.6 Impacts during Decommissioning on Shadow Flicker
  - 14.7 Summary

16 ELECTROMAGNETIC INTERFERENCE

- 15.1 Introduction
- 15.2 Assessment Methodology
- 15.3 Existing Environment
- 15.4 Impacts during Construction on Electromagnetic Interference
- 15.5 Impacts during Operation on Electromagnetic Interference
- 15.6 Summary

17 AIRCRAFT ROUTES AND AIRSPACE

- 16.1 Introduction
- 16.2 Assessment Methodology
- 16.3 Existing Environment
- 16.4 Impacts during Construction on Aircraft Routes and Airspace
- 16.5 Impacts during Operation on Aircraft Routes and Airspace
- 16.6 Impacts during Decommissioning on Aircraft Routes and Airspace
- 16.7 Summary

18 SUMMARY

- 17.1 Introduction and Project Details
- 17.2 Statement of Need
- 17.3 The Need for Environmental Impact Assessment
- 17.4 Summary of Environmental Impacts
- 17.5 Conclusion

19 REFERENCES

APPENDICES