

We are holding two public exhibitions before we submit the planning application and Environmental Statement. At these drop-in sessions you will be able to find out more about the final project design and you will have the chance to register interest in joining the co-operative.

Lubenham, Onyx Room, Village Hall

3pm to 8pm,
Tuesday 7th July 2009

Market Harborough, Harborough Theatre,
Church Square

3pm to 8pm,
Wednesday, 8th July 2009



Get involved in the Gartree Wind Power Co-operative!

An opportunity to get involved, invest in and benefit from the development and operation of a **local** community-owned wind energy project.

Register your interest at:
www.gartree.coop
Or simply call us on:
0845 373 3612

Contact details:

If you would like to get involved and support this exciting community project, please go to the: Gartree Wind Power Co-operative web-site www.gartree.coop or the Energy4All web-site www.energy4all.co.uk. Or contact Energy4All by phone **0845 373 3612** or E-mail info@energy4all.co.uk

Energy4All Limited, Unit 33, Trinity Enterprise Centre, Furness Business Park
Barrow-in-Furness, Cumbria LA14 2PN.

Energy4All is the UK's leading social enterprise promoting community ownership of renewable energy. We are different from other wind farm developers. We work to develop community-owned renewable energy schemes with local people. We are a not-for-profit social enterprise, owned by the co-operatives we set up.



Visit www.gartree.coop or contact Energy4All on 0845 373 3612 Email: info@energy4all.co.uk

As a nation we face the challenges of climate change, energy insecurity and the depletion and increased price of fossil fuels. We must look to a whole range of alternative ways of generating energy, both onshore and offshore.

Onshore wind energy is currently the most commercially viable renewable energy technology. Wind turbines generate electricity with only low emissions of greenhouse gases and every unit of wind generated electricity reduces the amount of fossil fuel consumed at conventional power stations. Within 9 to 12 months of operation, a wind turbine generates the equivalent of all the energy used in its manufacture, transport and installation.*

Energy4All is developing, in partnership with the local community and landowner, a co-operatively owned wind energy project at Gartree to the west of Market Harborough. The co-operative approach gives you the chance to do your bit for the environment and share in the economic benefits at the same time.

It is proposed to build three wind turbines on the site. If planning permission is granted, local people will be able to invest in the project, participate in the running of the co-op and receive a share of the profits generated each year.

As this is a co-operative venture, there will be NO major shareholder receiving the majority of the financial benefit. Instead, virtually all shares in the venture will be owned by individuals or by other co-operatives (Energy4All may invest up to £1,000 in the co-op) and profits will be shared out to members in proportion to their investment. The minimum investment is likely to be £250. The legal maximum investment is £20,000. Investors could qualify for Enterprise Investment Scheme tax relief. Each member will have a single vote in the decision making of the co-op, no matter what the size of the investment. The Board of the co-op is elected by the Members.

Because the co-op is a social enterprise it will put in place a community fund, using some of the profits for local energy efficiency, renewable energy, environmental and education projects.

We have completed all the necessary site assessment work and are currently preparing the planning application and accompanying environmental statement. We have found that:

- ▼ The layout of the site achieves good visual balance from key view points
- ▼ The zone of potential shadow flicker is predicted to include some residential properties to the east and north-west of the site. Conditions for the occurrence of shadow flicker will exist for only a few hours per year at potential receptors (up to 10 hours under average sunshine conditions in the UK). Mitigation measures can be implemented automatically if the chance of shadow flicker arises
- ▼ Sound levels from the turbines will be well within guidance limits
- ▼ Low frequency noise and infra-sound levels from wind turbines are extremely low. There is no robust evidence of adverse effects on the health of wind farm neighbours
- ▼ Appropriate mitigation measures during turbine construction will ensure minimum disturbance to on-site wildlife
- ▼ Geophysical survey and a watching brief during construction will ensure that on-site archaeological impacts are limited
- ▼ Infrastructure constraints such as telecoms links & utility infrastructure have been identified and the layout designed to maintain appropriate separation distances. Where this has not been achievable agreed mitigation will be implemented to ensure there are no impacts on performance. No statutory consultees from the aviation industry have objected to the scheme
- ▼ No statutory consultees from the telecomms industries or aviation organisations have objected to the scheme
- ▼ Our survey of wind speeds at the site over the last 9 months demonstrate its suitability and support our calculation that the wind farm will ensure that more than 110 thousand tons of carbon dioxide emissions will be avoided over 20 years of operation.*

Find out more at: www.gartree.coop



* Sustainable Development Commission, 'Wind Power in the UK', May 2005

* Based on 6.9MW installed capacity, 24% capacity factor, carbon intensity of 405 tonnes CO² per GWh