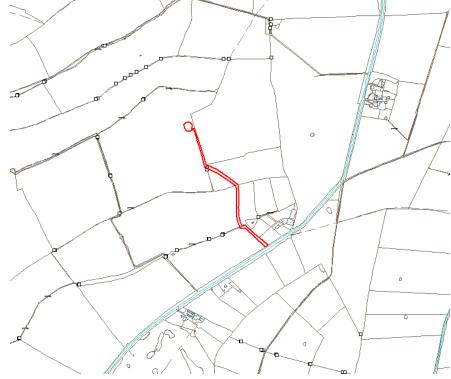
# **Committee Date: 27<sup>th</sup> September 2012**

Reference:	11/00677/FUL
Date submitted:	15.09.2011
Applicant:	Steve Butler
Location:	Hindle Farm Melton Spinney Road, Thorpe Arnold, Melton Mowbray
Proposal:	Erection of a 50 m to hub height single wind turbine generator with associated transformer, foundations, crane hard standing, access tracks, and temporary construction compound.



Introduction:-

This application seeks approval for the erection of 1 medium scale wind turbine with an associated transformer together with a temporary access 750 metre access track, crane pad and construction compound. The turbine is to be located within a field belonging to the applicant. The turbine is proposed to be part of Hindle Farm's business with access off Waltham Road (A607), east of Melton Mowbray. The topography in this area is one of gentle rolling hills with the position of the turbine being sited on the higher land in order to maximise wind generated power. The turbine will have a hub height of 50 metres with three 26 metre blades giving a total height from ground to blade tip of approximately 77 metres. The tower will be of galvanized steel and tapered in design and will be painted in a light grey or white colour to minimise the visual intrusion on the landscape.

It is considered that the main issues relating to this proposal is:-

- Impact upon the character of the countryside designation
- Impact upon residential amenities

The application is to be considered by the Development Committee following a request from the Ward Councillor and due to the number of representation received.

#### **Relevant History:-**

**10/00929/FUL** – Agricultural access track off Waltham Road (A607) to give access to the fields beyond the road frontage was given permission on the  $18^{th}$  March 2011

#### **Planning Policies:-**

#### **Adopted Melton Local Plan**

<u>Policy OS2</u> – planning permission will not be granted for development outside the town and village envelopes except for, amongst other things, limited small scale development for employment, recreation and tourism which is not significantly detrimental to the appearance and rural character of the open countryside.

Policy C2 - planning permission will be granted for farm based diversification proposals provided:

- the activities would be ancillary to the main agricultural use and would not prejudice the future operation of the holding;
- the proposal should reuse or adapt any suitable farm building that is available. if a new building is necessary it should be sited in or adjacent to an existing group of buildings; e proposed development is compatible with its rural location in terms of scale, design and layout;
- there is no significantly adverse impact on the character and appearance of the rural landscape or conservation of the natural environment;
- access, servicing and parking would be provided at the site without detriment to the rural character of the area; and
- the traffic generated by the proposal can be accommodated on the local highway network without reducing road safety

Policy UT7 has not been 'saved'

The Melton Local Development Framework Core Strategy (Publication) Development Plan document February 2012 is supportive of renewable energy development, accepting that it has a place in locations which support the resource but that it needs to be balanced against impacts in landscape and amenity terms.

#### **East Midlands Regional Plan**

Much of the region could be suitable for the location of wind turbines subject to a number of criteria, including visual impact and the cumulative effect of a number of turbines and their actual size.

<u>Policy 1: Regional Core Objectives -</u> seeks a reduction in CO2 emissions by, in part, maximising renewable energy generation.

<u>Policy 40 – Regional Priorities for low carbon energy generation</u> promotes renewable energy and states that in establishing criteria for on-shore wind energy, Local Planning Authorities should give particular consideration to:-

- Landscape and visual impact;
- Effect on the natural and cultural environment;
- Effect on the built environment;
- No. and size of turbines proposed;
- Cumulative impact of wind generation projects, including 'intervisibility';
- The contribution of wind generation projects to the regional renewables target;
- The contribution of wind energy projects to national and international environmental objectives on climate change

The East Midlands Regional Plan (2009) requires that on-shore wind installations should increase capacity from 54MW to 175 MW) by 2020, with an interim target for 2010 of 122MW.

# The National Planning Policy Framework was published 27<sup>th</sup> March and replaced the previous collection of PPS. It introduces a 'presumption in favour of sustainable development' meaning:

- approving development proposals that accord with the development plan without delay; and
- where the development plan is absent, silent or relevant policies are out-of-date, granting permission unless:
  - any adverse impacts of doing so would significantly and demonstrably outweigh the benefits, when assessed against the policies in this Framework taken as a whole; or
  - specific policies in this Framework indicate development should be restricted.

The NPPF offers direction on the relative weight of the content in comparison to existing Local Plan policy and advises that whilst the NPPF does not automatically render older policies obsolete, where they are in conflict, the NPPF should prevail. It also offers advice on the weight to be given to 'emerging' policy (i.e the LDF) depending on its stage of preparation, extent of unresolved (disputed) issues and compatibility with the NPPF.

The NPPF introduces three dimensions to the term Sustainable Development: Economic, Social and Environmental: It also establishes 12 core planning principles against which proposals should be judged. Relevant to this application are those to:

- not simply be about scrutiny, but instead be a creative exercise in finding ways to enhance and improve the places in which people live their lives
- support the transition to a low carbon future.....by encouraging the development of renewable energy
- recognising the intrinsic beauty of the countryside
- contribute to conserving and enhancing the natural environment

### On Specific issues relevant to this application it advises:

#### **Climate Change:**

Planning plays a key role in helping shape places to secure radical reductions in greenhouse gas emissions, minimising vulnerability and providing resilience to the impacts of climate change, and supporting the delivery of renewable and low carbon energy associated infrastructure. This is central to the economic, social and environmental dimensions of sustainable development. (Paragraph 93)

Paragraph 97 states that to increase the use and supply of renewable and low carbon energy, local planning authorities should recognise the responsibility on all communities to contribute energy generation from renewable or low carbon sources.

Paragraph 98 states that when determining planning applications, local planning authorities should;

- not require developments to demonstrate overall need for renewable or low carbon energy
- approve the application (unless material considerations indicate otherwise) if its impacts are (or can be made) acceptable.

# **Conserving and enhancing the natural environment:**

- Protecting and enhancing valued landscapes
- Apply great weight to protection of designated landscape and scenic areas (e.g. National Parks)
- Avoid noise giving rise to significant adverse impacts
- Minimise other impacts on health and quality of life through conditions
- Identify and protect areas of tranquillity

This National Planning Policy Framework does not change the statutory status of the development plan as the starting point for decision making. Proposed development that accords with an up-to-date Local Plan should be approved and proposed development that conflicts should be refused unless other material considerations indicate otherwise. (NPPF para. 12)

#### **Consultations:-**

Consultation reply	Assessment of Head of Regulatory Services
MBC Environmental Health – No objections subject to	Under ETSU R 97 guidance, wind turbine noise
conditions.	(expressed as $L_{A90,10min}$ ) should not be greater than 5
	dB above the prevalent background level $(L_{A90,10min})$
The application was supported by a noise assessment	at that wind speed, except where the background
conducted by Wardell Armstrong, dated August 2011, in support of the Proposed Wind Turbine at Hindle Farm.	level is very low.
	With reference to the ETSU document minimum
Additional information has been submitted with maps	typical daytime targets fall within the range of 35-40
showing the noise contour for 35dBA noise output from	dB L <sub>A90</sub> . For properties with financial involvement, a
the proposed turbine at a range of wind speeds from 5 to 10m/sec inclusive.	target of 45 dB $L_{A90}$ can be used.
	The night-time noise limit (expressed a L <sub>A90,10min</sub> ) is
These noise contour maps indicate the contour of the quiet day time noise level of 35dBA as being outside of the	an absolute minimum target level of 43 dB $L_{A90,10min}$
boundary of Ashfield House, Waltham Road, Thorpe	The turbine is to be located within a parcel of land
Arnold at a wind speed of 10m/sec. Ashfield House being the nearest house to the proposed development. The actual distance to Ashfield House has not been provided although it is in excess of the 570m described in the report.	which is free from buildings or structures. The nearest residential dwelling is to the southeast of the site; Ashfield House, which is situated on the Melton Road. The distance is approx. 585 metres away from the proposed turbine.
Nicola Dixon has undertaken a calculation and graph to show the noise output from a wind speed of 12m/sec does	The distances are greater than the recommendation distance of 570 metres for a turbine of this size and it
not differ significantly from wind speeds of 9 and 10m/ sec.	is considered that a refusal based upon noise could not be substantiated in this instance.
	The application was supported by a noise assessment and the Environmental Health Officer has been consulted who has raised no objections with the methodology used.
	The NPPF includes footnote 17 which states that in determining application for wind developments Local

	Planning Authorities should follow the approach set out in the National Policy Statement for Renewable Energy Infrastructure. This guidance states in very
	clear terms that ETSU R 97 "should be used" and states also that the Government is satisfied it is "a sound basis for planning decisions".
	It is considered that given the NPPF is recent and up to date National Policy which endorses the use of ETSU R 97, and the clarity of the position within the National Policy Statement, that this methodology is appropriate.
MBC Conservation Officer – The English Heritage guidance document entitled Wind Energy and the Historic Environment advocates a sustainable approach to renewable energy generation which requires a balance to be drawn between the benefits it delivers and the environmental costs it incurs. Therefore whilst recognising the need to invest in renewable energy it recognises the potential implications for the historic environment.	A turbine in this location will be very dominant and will be seen from the higher approach roads, such as Melton Spinney Road, which runs parallel with the A607, Melton to Oakham Road A606 and possible distant views from the Market Harborough to Melton B6047. The landscape is very open with very few trees which limit any chances of screening of the turbine from the north edge of Melton Mowbray and Thorpe Arnold. When approaching from Waltham on the Wolds along the A607 the site is fairly well
The guidance adds that high quality design is the key to minimising the adverse effect of projects such as the siting of wind turbines in the landscape and suggests that considerable weight should be given to ensuring the reversibility of renewable energy projects and their associated infrastructure	screened from the Thorpe Ashes, a small coppice of mature trees. It is considered that the erection of a 50 metre hub height turbine would have some impact upon the landscape given it will be sited on a ridge with nearby settlements (Melton, Thorpe Arnold, Scale of the deal) and the deal in the deal in the set
<ul> <li>Due consideration must be given to the following factors:</li> <li>Impacts of the proposed development on the historic environment (archaeological remains, historic structures and buildings, designed landscapes, designated sites/areas)</li> <li>The setting of historic sites</li> <li>The visual amenity of the wider landscape that may detract from its historic character, tranquillity and remoteness</li> </ul>	Scalford, Chadwell) and neighbouring dwellings sitting on lower land within valleys and dips. It is not considered that the erection of a wind turbine would lead to 'significant' impact upon the landscape as advocated within the NPPF nether the less it would introduce an alien feature which is not capable of mitigation and requires extensive associated work in order to facilitate the proposal.
This can be further broken down into the following elements: • Visual dominance – • Scale • Inter-visibility • Vistas and sight lines Archaeology	Being visible is not a reason for refusal as by nature they are very visible structures. However in order to facilitate the construction of a turbine in this location extensive upgrading and laying of a 750 metre access track is needed. This upgrading requires the building of a substantial retaining wall in the dip adjacent the neighbouring balancing pond. The retaining gabion wall would have a height of 5 metres within the dip, taping out over the length of 20 metres. It would
The foundation of a wind turbine would typically comprise in excess of 100 cubic metres of concrete in a block of up to 16 m diameter and 3.5 m depth. There is also additional infrastructure including a new trackway, sub station together with associated ditching and cable routing. These combined have the potential to damage underlying archaeological remains although disturbance	need to be constructed to accommodate the heavy plant and machinery needed to transport the turbine whilst ensuring that no damage would occur to the neighbouring balancing pond. Whilst it is proposed to retain the existing boundary hedge some chopping back of the small group of trees in the dip that overhang the proposed track would be required. The hedge and trees could assist in screening the wall from view when approaching from the west:

may be limited.	providing no damage occurs during construction.
may be minted.	However the hedge and trees lie outside of the
Landscape Character	applicant's control, they only have a 4/5 metre strip
	of land to use for the access to the site. It has not
Historic	been shown how vehicles will navigate the track
The definition of the historic landscape is:	given that it will be of a limited width with no
The domination of the instoric fundscupe is.	opportunities of passing places until in the top field
Landscape is the product of millions of years of geological	however it is not an adopted road and will be
evolution combined with thousands of years of human	managed by the site operatives.
settlement and activity. The ways in which people in the	
past and the present have and continue to shape our	The construction of the track across three fields and
physical environment is not just a matter of academic	associated works needed to make a safe route is
interest it affects us all both in the way we identify with	considered to have a permanent impact upon the land
our surroundings and with our quality of life.	form which is not considered reversible. It is not
	considered to be a form of sustainable development
The Leicestershire Historic Landscape Characterisation,	given the amount of materials needed to be imported
recently completed places the wind turbine site within the	to the site and the harmful affect it would have on the
area Landscape Character Area known as Fields and	environment. The energy generation is not
Enclosed Land, a classification which dominates rural	considered to outweigh the harm the track and
Leicestershire. The countryside around Thorpe Arnold and	retaining wall would have on the landscape, which
Waltham on the Wolds is typical of this classification	cannot be successfully mitigated against.
where there has been little change in landform, apart from	
some hedgerow loss, since the eighteenth or nineteenth	It is considered that the substantial construction
centuries	works need to gain access to the site would
	introduce features into the landscape which fail to
The Leicester, Leicestershire and Rutland Landscape and	protect or enhance its distinctive local character
Woodland Strategy (2001 Revised 2006) places the wind	and is not capable of mitigation or adequate
turbine in the area known as the Wolds. This is described	compensation. The development is contrary to the
as a rural character area of rolling landscape with	provisions of Policy OS2 of the adopted Melton
numerous stream valleys draining to the River	Local Plan and the objectives of the East
Wreake/Eye. Woodlands, streams, springs, disused railway lines and roadside verges provide sites of	Midlands Regional plan, and the guidance offered in the NPPF in relation to sustainable
ecological interest scattered throughout the area. There is	development, design and the natural environment.
little tree cover.	These impacts are not considered to be
	outweighed by the benefits of the proposal in
The Landscape Character Assessment of Melton Borough	terms of the generation of renewable energy.
(2006) prepared by ADAS, places the wind turbine in	
Area LCA6 Ridge and Valley. This is further described as	
'a broadly homogenous gently rolling landscape with	
a surface state of the second state of the sec	

Settlements

and scattered trees'

The settlement pattern in the area is one of small and medium sized villages and individual farms. The Waltham transmitter to the north of Waltham on the Wolds is a visually prominent landmark.

contrasting large scale arable fields along ridgelines and smaller scale pastures in the valleys with managed hedges

The closest settlements are Thorpe Arnold and Waltham on the Wolds both of which are approximately three kilometres away. Thorpe Arnold does not have a designated conservation area but has five listed buildings including the Church of St Mary, The hall and Wold house and several other heritage assets.

Waltham on the Wolds by contrast has a designated Conservation Area and more than fifteen listed buildings most notably St Mary Magdalene's Church and also has several other heritage assets	
It is considered that the turbine site is sufficiently distant from both villages so as not to adversely affect the setting of any designated heritage assets.	
Conclusion	
Wind turbines by their nature are tall and slender in appearance. In that regard some may consider them as graceful structures that may add a certain character to a landscape rather than detract from it	
The balance that needs to be drawn is between the necessity for measures to meet the challenge of climate change and the importance of conserving the significance of heritage assets including listed buildings, conservation areas and the wider historic landscape.	
In this instance the proposed location of the wind turbine is in an area classified in historic landscape terms as Fields and Enclosed Land	
The landscape in the immediate area of Hindles Farm has apparently undergone minimal changes throughout the years. The area as a whole displays subtle variations which include unchanged remote and pastoral landscapes. However there are some electricity pylons in the landscape as well as the Waltham Transmitter.	
Clearly there must be concerns that the introduction of a wind turbine within the local landscape will present an 'alien' feature.	
The Conservation Officer is content that in built historic environment terms, the turbine taken in isolation will have no effect on any heritage assets in the vicinity. In landscape terms, however, there isconcern that the turbine and associated infrastructure, in particular the gabbion wall, taken as a whole will affect the character of the local landscape.	
Waltham Parish Council – objects	Noted
The Parish Council unanimously recommend that the above application be refused for the following reasons;	
<ol> <li>That the turbine will be unsightly in a scenic southern part of the Vale of Belvoir - the device being visible from virtually 360 degrees with only a small amount of cover.</li> </ol>	The turbine will be less visible from the crossroads in the village of Waltham which is over 2.5 kilometres away as there is some screening offered from farm buildings and trees. However on the higher approach road from Grantham to Waltham (A607) the turbine

<ol> <li>That the noise from the turbine will be intrusive and disruptive to users of the bridleways and footpaths that are close by.</li> </ol>	<ul><li>will be seen in the distance but it is not considered to be so significant as to have a detrimental impact to the village.</li><li>No objections have been received from the Rights of Way Officer. Detailed below.</li></ul>
Scalford Parish Council – full response awaited.	Scalford Parish Council initially responded stating that they did not feel in a position to comment until they had a good understanding of the proposal. All information was available on the Council's wabgite and available on request.
Ministry of Defence – object to the application as the proposed turbines would cause unacceptable interference to the primary surveillance radar (PSR) at RAF Cottesmore.	website and available on request. No further comments have been received at the time of writing the report. Noted. The original objection has been withdrawn due to the ceased safeguarding of the equipment at RAF Cottesmore
<b>Objection withdrawn</b> - as of 17 July 2012, the MOD has ceased safeguarding the Primary Surveillance Radar at RAF Cottesmore from wind farm development proposals. Therefore, the MOD recommends that in the case of Hindle Farm, Melton Borough Council can now remove MOD's objection to this proposal.	
<b>LCC Footpaths –No objection</b> From a safety point of view the proposed location is a minimum of 300m from the nearest footpath, this is more than 3 x fall-over distance and well beyond the recommended minimum distance. It is considered that the presence of the turbine will not be a deterrent to users of the footpaths in the area.	Noted. Public Bridleway E94 and E95 runs in the vicinity however the turbine location is well outside of the minimum recommended 200 metres separation distances. The proposal does not interfere with any public right of way.
<b>LCC Highways Authority</b> – No objection subject to the imposing of conditions requiring a traffic management scheme and that any repairs to the highway are carried out by the applicant.	Noted. The most significant traffic impact of the development will be during the construction and decommissioning stages. Traffic associated with the operational stage would under normal circumstances be confined to a site visit by car or light van 3 or 4 times a year.
	Long vehicles will be required to transport the components to the site. The proposed route to the site for the abnormal load movements would be from the A1 using the A607.
	No objections have been received from the highways authority in regards to highway safety relating to the transportation of the turbine. The highway network is considered accessible by long vehicles.

Concerns have been expressed by residents in regards to the suitability of the access track. Planning permission was granted for an agricultural track in 2010 (10/00929/FUL). However substantial upgrading is required in order to transport the turbine onto the proposed site. The track passes a balancing pond on neighbouring land and falls considerably to the west giving a narrow passing at this point. The construction of a retaining wall is required which will have a height of 5 metres within the natural dip and then would taper out over a length of 25 metres.

Concerns have been expressed in regards to the suitability of such an engineering operation in such close proximity to the balancing pond and the applicants have submitted a 'Design and Construction Methodology' report to support the application. The report sets out how the track is to be upgraded including construction of the retaining wall in order to safely transport the turbine on to the site. It is stated that the access track will be designed to the Department for Transport Design Manual for Road and Bridges (DMRB) and LCC's Highway standards and that the axle loadings of all the vehicles will be accounted for in the design including the 15 tonne per axle the mobile crane will have.

It is stated that the designers will use the information from site soil investigation to provide a structurally stable gabion wall that will not "splay out" with the construction traffic loading and will not "crush" the pond overflow pipes. The proposed gabion baskets will be filled with granite to retain the track and will sit on a concrete foundation. The existing overflow pipes from the balancing pond are to be extended so as not to compromise the functionality of the balancing pond. The gabion wall is stated to act as buttressing to the pond giving the existing bund support and has been stated to not be detrimental to the bunds integrity. No survey of the balancing pond has been undertaken at this stage.

The access will be required to be at least 4 metres wide and the applicant only owns a small strip of land running around the boundary to neighbouring fields, which are in separate ownership and outside of the control of the applicant. Whilst there is no objection from the Highways Authority it is considered the applicants are requested to submitted a detailed structural report to show how the track can be upgraded successfully without compromising the stability of the balancing pond to avoid collapse of the bank through heavy vehicle loads. Should approval be granted a condition should be imposed to ensure that the balancing pond is not compromised.

Natural England – No objection	Noted. The application has been supported by an
The lack of specific comment from Natural England should not be interpreted as a statement that there are no impacts on the natural environment, but only that the application is not likely to result in <b>significant</b> impacts on statutory designated sites, landscapes or species.	Ecology report and no further survey work has been requested.
The ecological survey submitted with this application has identified that there <b>will not be any significant impacts</b> on statutorily protected sites, species or on priority Biodiversity Action Plan (BAP) habitats as a result of this proposal. When considering this application the council should encourage opportunities to incorporate biodiversity in and around the development (Paragraph 118 of the NPPF).	
This proposal does not appear to be either located within, or within the setting of, any nationally designated landscape. All proposals however should complement and where possible enhance local distinctiveness and be guided by your Authority's landscape character assessment where available, and the policies protecting landscape character in your local plan or development framework.	
Should the proposal be amended in a way which significantly affects its impact on the natural environment then, in accordance with Section 4 of the Natural Environment and Rural Communities Act 2006, Natural England should be consulted again.	There is no special national designated landscape for this area however the Borough does have a landscape study which has identified 20 distinctive characters for the borough. This site lies within a character described as 'Valley and Ridge' due to the changing topography. The area is characterised by large open arable fields with few building with managed hedges and scattered mostly ash trees. The topography is rolling with the turbine to be located on the higher land.
LCC Ecology – No objection	Noted. The turbine is sufficiently far enough from the hedgerows to meet with Natural England
It is noted that the turbine is to be located at least 60 meters from any hedgerows and the risk of the turbine impacting on any foraging bats is therefore significantly decreased. However, there is a known bat roost within 700m of the turbine. Therefore, should the proposed location of the turbine be altered, they request reconsultation to establish if bat foraging surveys should be completed.	guidelines and the County Ecologist considered that as this application is for a single turbine, the blades will operate in a relatively small sphere and considers that the risk of strike is low and is unlikely to lead to an unfavourable conservation status of buzzards or red kites in the vicinity.
It is not consider that the turbine will have an unacceptable risk to birds that are within the area. In a countywide context this particular section of landscape is not un-typical and it could be argued that any point location is between two ecological features. However, the turbine is sufficiently far enough from the hedgerows to meet with Natural England guidelines. Additionally, as this application is for a single turbine, the blades will	

-	erate in a relatively small sphere and it is considered
	t the risk of strike is low and is unlikely to lead to an
unf	avourable conservation status of buzzards or red kites
in t	he vicinity.

# **Representations:**

A site notice was posted and the immediate neighbouring property consulted. As a result 37 letters of representation from 32 households and one petition with 34 signatures has been received. 6 letters of support has also been received. The issues raised through representation are addressed below.

Representation	Assessment of Head of Regulatory Services
Visual Impact and Landscape Leicester is famous for its landscape within the hunting fraternity, holiday makers, ramblers etc. The erection of a turbine will have a detrimental effect long term and is not in keeping with the historic market town.	The NPPF is clear in its guidance that Local Planning Authorities should approve planning permission unless "any adverse impacts of doing so would <b>significantly and</b> <b>demonstrably</b> outweigh the benefits" (emphasis added). Therefore, when considering the impact on the surrounding landscape of the proposal this needs to be the key consideration.
The Wolds area a sensitive area and a turbine of this size will be visible for miles This is an area of great beauty which will inevitably be adversely affected by the proposed development. Will be an invasion of the green belt The turbine would be harmful to the landscape in this location	The NPPF then sets out guidance in relation to conserving and enhancing the natural environment. Paragraph 109 states that the planning system should contribute to and enhance the natural and local environment by; 'protecting and enhancing valued landscapes, geological conservation interests and soils'. Paragraph 115 states that great weight should be given to conserving landscape and scenic beauty in National Parks, the Broads and Areas of Outstanding Natural Beauty, which have the highest status of protection in relation to landscape and scenic beauty.
It will sit on land that is 140 above sea level within an open landscape it will be visually dominant and an eyesore to all that live and travel through Melton The proposed turbine would be visible for a significant distance, seen clearly as your leave Melton on the A607, and across the rural areas to Eastwell and Waltham. The area is open farm land free from structures the turbine will be out of keeping with the character of the area	The turbine is to be located in a parcel of land to the north east of Melton towards Waltham on the Wolds. The field sits within a high point with Thorpe Arnold village sitting lower at approximately 3 kilometres away and the edge of Melton's residential areas (Melton Spinney Road) approximately 3.3 kilometres away. The main A607 (Melton to Grantham) run pasts the site and access to the turbine would be from this highway.
It will be viewed from all directions and be very dominant in the open landscape. The turbine will be visually intrusive in this environment It will be an eyesore and a blot on the landscape It will be an alien feature in the landscape The proposed substation will be the only building on the land and will not be in character	Melton Borough does not have any special designated landscaped areas and has no green belt. The location of the turbine is described as 'Ridge and Valley' (Melton Borough Historic Character Landscape Assessment). The character descriptions states 'A broadly homogenous gently rolling ridge & valley landscape with contrasting large scale arable fields along ridgelines and smaller scale pastures in the valleys, with managed hedges and scattered mostly ash tree'. The location of proposed turbine is reflective of the distinctive characteristics. The landform is indeed rolling and consisting of large scale arable fields along the ridgeline where there are few buildings with the exception of a few dwellings nearby.
The turbine will dramatically alter the landscape character	The turbine will have a hub height of 50 metres with the

of the area both in the immediate locality and from important vantage points	three blades measuring a maximum of 27 metres which will give a base to tip height of approx 77 metres. There is no argument that the turbine would not be visible, nor introduce a new feature into the landscape. However, this on its own is not considered a reasonable ground for refusal and it is the <b>harm on the landscape</b> that will need to be assessed. Guidance in the NPPF states that this would need to be <b>significant</b> .
Two view points (ZTV's) is insufficient to consider visual impact on the landscape	The application is supported with two photomontages from viewpoints which were considered to be most impacted upon given the siting on a ridge. The ZTV's provide one view point of many and are by no means the only form of information used to assess the visual impact. Site visits from various locations are also undertaken by the officer to assist with assessing the visual impact upon the landscape along with published studies relating to the local and historic landscape.
There should be no comparison with the Waltham Mast which is tall and slender but static and does not omit any noise or flicker	The Waltham mast is a local land mark which can be seen from many miles away. The turbine would be further to the west over 2 kilometres away and would not be viewed in the same viewing frame when travelling along the A607 or viewing from the village of Waltham on the Wolds. However they will be seen together from long range views but it is considered that it's presence would not make a turbine in this landscape any more acceptable as without it, given that they are so different in nature, size and scale.
Impact Upon the Enjoyment of the Countryside	
Melton Mowbray is the gateway to an area of outstanding natural beauty and this site is adjacent the Vale of Belvoir which attracts thousands of tourists each year. The turbine will ruin the area.	Melton is a very Rural district and is ranked as one of the most sparsely populated regions however there are no special landscape designations.
Will affect the tourism for the town.	There is no current evidence to show that the development
Studies have shown that there is a 40% drop where wind farms are installed. It will affect the local economy as well as Twin Lakes, Golf Course, Jane Heerbecks Equestrian school etc.	of wind turbines would have an adverse impact on recreational and economic activities. There is also a lack of evidence as to whether wind farms attract or reduce the number of visitors to an area and therefore it is considered unreasonable to refuse planning permission on these grounds.
It will reduce the enjoyment of the countryside – its so big!	The turbine is of medium size standing at 50 metres to hub height. It will be painted in either white or grey which will assist in blending with the sky.
This would adversely affect walkers and horse riders of the local paths and bridleways, potentially compromising safety	The turbine is at a sufficient set back distance from the footpath/bridle way and no objections has been received from LCC Rights of Way Officer. There is no evidence to demonstrate that the proposal would impact on users of the footpaths/bridleways in the area.
The turbine will result in the loss of a tranquil view of surrounding countryside with rural buildings, which on clear days can be seen for miles across the Vale of Belvoir	The turbine will be visible from many higher view points across the borough but this on its own is not a sufficient reason to refuse planning permission. Turbines by nature

	are visible and an assessment is needed to weigh up the benefits of the energy production against any significant harmful affects to the landscape.
	In this instance it is considered that the associated work needed to facilitate the wind turbine proposal are harmful and not in keeping with the character of the landscape and is contrary to the local plan policy OS2.
Impact upon Residents	The proposed development is in open countryside where a
It is wrong to say that our house (Ashfields) would not see the turbine because of the woods as it will stand to 77 metre height. The blades going round will be visible.	few farmsteads and dwellings exist. The closest residential dwelling is Ashfield House which sits to the southeast of the proposed turbine at a distance of approximately 595 metres away. Thorpe Ashes sits between to the two sites and will offer a level of screening from the principle rooms of the dwelling. The topography is rolling and the turbine would be located on higher land however the separation distance along with the high level of screening would limit any views of the turbine and the separation distance complies with the ETSU – R - 97 guidelines in regards to noise impact. It is considered that the erection of turbine in this location would not have a detrimental impact upon the living conditions of occupiers of Ashfield House.
It's too close to dwellings in the area and will create an oppressive environment for existing and proposed extension to the town which will create a further 1000	There are other dwellings in the vicinity which require an assessment:-
dwellings	Debdale sits to the northwest approximately 950 metres
It will be visually intrusive for residents and will create noise	away and the Hindles sits to the west approximately 1200 metres away. Both dwellings sit within a valley, (both accessed from Melton Spinney Road). The turbine is considered to be sufficiently separated so as not to have a detrimental impact resulting from noise. Some views may be afforded of the turbine but would be restricted because of the topography.
	There are dwellings situated along the Melton Road (A607). Freeby View sits on higher land approximately 855 metres to the east on the route towards Waltham and would have limited views of the turbine due to the highly level of screening on the boundary to the highway. The dwelling is also set back from the highway. West View and Broomwood sit to the south approximately 730 metres and 850 metres respectively. The turbine will have some visibility by the occupiers however both dwellings are set back from the highway and has a high level of screening from the highway through mature planting and trees. It is considered that full views of the turbine would be limited to
Melton is consulting on an extension to the town for housing development which requires a by pass in this area. It would be premature to allow a turbine without know the outcome of the housing development	certain times of the year and both dwellings fall outside of the recommended distances required to mitigate from noise. The Council has been consulting upon an extension to the north of town for 1000 dwellings which would be to the southwest of the turbine location however this is at very early stages and is required to go through public examination prior to any planning application.
	It is considered that whilst some views will be impacted

	upon from the erection of a turbine the topography
	along with the required separation distances ensures that the proposal would not have an unduly detrimental impact upon the residential amenities. The Environment Health Officer has requested conditions to be imposed should approval be granted in the interest of safeguarded residential amenity should any issues arise from the turbine.
The views from Waltham House will be compromise	The dwelling is approximately 1.5 miles away from the site however it sits on higher land level with views over the countryside and will have views of the turbine in the distance. Loss of view is not a planning consideration and it is considered that the turbine is sufficiently distance so as not to have a detrimental impact upon residential amenities
Noise	See commentary above with regards to impact upon residential amenities.
This is a very quite area and any noise from the turbine will be a disturbance from our property (Ashfield House)	MBC Environmental Health Officer, in association with the applicant's noise consultant, concluded that the noise level at the nearest residential receptor will comply with the
The noise from the turbine will affect the residential amenities and enjoyment of the garden	noise limit recommended in ETSU $-R - 97$ for a single turbine. A condition has been suggested in the interest of
Back ground noise is extremely quiet any noise generated from the turbine will be heard	residential amenity with any likely problems associated with Amplitude Modulation.
Reports of houses being devalued due to the noise associated from wind turbines – residents have had to sell to move away from them	
Impact upon Ecology	The site has been assessed both by Leicestershire County Council Ecology and Natural England and meets the
The wildlife survey is in adequate and only provides a snap shot – taken on one day visit	requirements of their policies with regards to the separation distances between turbines and hedgerows. No further ornithology surveys have been required and Natural
Badgers, bats, owls, buzzards, Red Kite and falcons are in the area and have not been included.	England has also responded (above).
Protected bats also inhabit the wood	It is considered that matters relating to ecology have been addressed and subject to conditions the proposal is considered to be acceptable.
No one has been on to neighbouring land to do the surveys feel that they should have	•
The destruction of local birds and bats is inevitable	
Lack of Public Consultation	Consultation has been undertaken in line with statutory Consultation procedures and within defined time frames as
An A4 poster advertising the proposal is not an adequate method of alerting residents of the proposal	stipulated in planning law. Site notices were pinned to the entrance of the site and occupiers of Ashfield House were notified along with Waltham Parish Council in the interest
Not received any official notification and live one field away.	of the wider public. The Council does not maintain records of land ownership.

	T i i i i i i i i i i i i i i i i i i i
Why were no neighbours notified Villagers of Scalford, Chadwell, Freeby and Waltham have not been notified of the application	The villages are too far away from the proposal to receive notification however all planning applications are published on the Councils website and made available to inspect by interested parties.
No community involvement prior to submitting the application The tax payer will be paying for it as it will get a government subsidiary of £138,000 therefore everyone should have been contacted for their views under the localism policy	The Localism Act 2011 sets out provisions for developers of major proposals to consult with residents prior to submitting planning proposals. A single turbine proposal does not fall within this remit There was no requirement for the applicant to undertake community involvement.
Efficiency and Economics	The NPPF encourages Local Planning Authorities to
Doubt that the energy produced is anywhere near the figures stated and could be upto 20% less than quoted. Power produced is quoted to be enough to power homes at Waltham and Bescaby – clearly a commercial gain and not to offset CO2 from the farm.	consider renewable energy proposals in a positive light. This proposal will produce additional renewable energy which would help to meet the government's renewable energy targets which aim to reduce the UK's carbon dioxide emission by some 60% by 2050 with real progress by 2020.
The electricity produced would be grossly in excess of that needed for the open farm as there is no dwelling	The NPPF clearly states that Local Planning Authorities should not require applicants for energy developments to demonstrate the overall need.
No farming activity is taking place this is purely a commercial operation for financial gain	
Only crop farming takes place in the two fields no animals can not be considered as farm diversification	
Has the need been proven for such a monstrosity?	
No reports have been submitted to substantiate the claims of energy production	
The turbine will not bring nothing to the local economy	
Why should residents put up with losing value on properties so that a land owner may gain financially with no benefits offered to the community?	As part of the scheme the applicant has stated that he will be setting up a community benefit fund for the benefit of the local community and for the duration of the project and it will be set at £1,000 pa (plus RPI increases). Whilst this is not a consideration in the planning process the applicant has in mind that the fund should benefit the local school and be aimed at the further awareness of the 'green' issues but would be guided by the community. A community benefit fund is established <b>outside</b> the planning process and can only materialise if the scheme is granted planning permission, constructed and operated.
There are other ways of reducing the farms CO2 without spoiling the countryside	Noted.
A smaller turbine would be more appropriate and still	Noted. The application proposes the installation of a

achieve a reduction in the farms CO2	medium sized turbine to optimise on energy production.
We can't keep erecting wind turbines haphazardly just to enable small power companies to make a quick 'buck' from subsidies	Noted.
Why is the grid connection work shown? It would appear that grid connection will need to be via third party land – do they have permission?	Connection to the grid requires a separate consent and is not a consideration for the planning application.
Question the viability of a single turbine and the costs of constructing the access track, concrete pad and the compound area needed during construction.	The applicant will be aware of the costs involved and it is not a consideration for the planning process.
Access and Highway Safety It will be a distraction to uses of the A606 The A606 is a hot spot for accidents this will have disastrous affect on motorists The Bridle Way will be impacted upon with the horses being spooked by the turbine affecting the safety of the rider	<ul> <li>With regards to driver distraction/horse riders, PPS 22 companion guide advises on the issue of distraction to drivers and states:</li> <li>"Drivers are faced with a number of varied and competing distractions during any normal journey, including advertising hoardings, which are deliberately designed to attract attention. At all times drivers are required to take reasonable care to ensure their own and others' safety. Wind turbines should therefore not be treated any differently from other distractions a driver must face and should not be considered particularly hazardous. There are now a large number of wind farms adjoining or close to road networks and there has been no history of accidents at any of them".</li> <li>In light of the above matters it is not considered that the proposal would cause any significant distraction to drivers/horse riders that could justify refusal on these grounds.</li> <li>The impact and effect on uses of the road network have been assessed by the Highway Authority, reported above.</li> </ul>
The access is not suitable and was granted consent for an agricultural track	The Highway Authority are satisfied that the proposed would not create an issue for highway users. Noted. The application proposes to upgrade the grass track in order to access the site with large heavy plant and
No survey of the man made balancing pond has been undertaken to show that there would be no impact from passing of heavy plant and machinery	machinery. Should approval be granted a condition should be imposed requiring a full survey to be conducted taking into account the balancing pond to ensure no collapse would occur.
The applicant has not shown how the integrity of the pond will be safeguarded through the construction of a retaining wall. Should it collapse who will be liable?	The developer would be liable for any damage caused to neighbouring property. This would be a civil matter and one that could not be enforced by the Council unless there was a breach in planning condition.

Impact upon Health and Safety	There is no evidence on which to base a rational health fear
People living near turbines can have their health affected through low frequency vibration and sound, and shadow flicker The studies on Wind Turbine Syndrome show that there should be a separation distance of 2km we are only 616m away (Ashfield House) we will be put at risk	sufficient to justify the refusal of planning permission, or to seek greater separation between residential properties and turbines. Shadow flicker occurs when the sun travels behind the blades of the turbines and causes moving shadows to be cast over large areas. This can create a strobe or pulsing effect. Under certain combinations of geographical position and time of day, the sun may pass behind the rotors of a turbine and cast a shadow on and off. It only occurs inside buildings where the flicker appears through a narrow window opening.
	The nearest property is Ashfield House which is sited to the southeast sitting on lower land. The turbine will be partly screened by the small coppice of trees (Thorpe Ashes) which sits between them, reducing any shadow flicker. Debdale Farm is approximately 950 metres away and set lower down to the northwest and The Hindles is to west of the turbine of a distance of approximately 1200 metres but on much lower land within a valley. It is considered that shadow flicker will be an issue for the residents due to the topography and separation distances.
	Planning decisions are required to demonstrate and support with evidence that adverse affects will arise and it is not considered that evidence exists in this case to enable this. As such, it is not considered that it forms a ground to formally object.
<b>Contrary to local plan policies</b> The agent has not given enough weight to the development plan in has discounted the RSS because of the intention to revoke – it is still a material consideration	The application is considered to be contrary to OS2 of the Melton Local Plan, however, the application needs to be considered against the development plan as a whole, including the East Midlands Regional Plan and the National Planning Policy Framework (NPPF) and is required to be balanced against the need for Local Planning Authorities to support the delivery of renewable energy. Whilst the proposal goes some way in supporting this objective it is considered that the harm to the landscape through the installation of the associated works necessary to allow the development to go ahead outweigh any benefits to be derived from the energy production in this instance.
Government Policy PPS7 - The proposal contravenes a key principle to "protect the countryside for the sake if its' intrinsic character and beauty, the diversity of its landscapes, heritage and wildlife etc."	PPS7 no longer exists and has been replaced with the NPPF. The NPPF paragraph 109 states that the planning system should contribute to and enhance the natural and local environment by; 'protecting and enhancing valued landscapes, geological conservation interests and soils'. The site has no national designation but it is considered to have a local distinctive character of Ridge and Valley. The NPPF Paragraph 98 advises that renewable energy proposals should be approved if its impacts are, or can be made acceptable. In this instance it is considered that the substantial access track and building of a retaining wall required to facilitate the proposal would have a significant impact upon the land form which cannot be successfully mitigated against.

LOLA (Leave Our Landscape Alone) – Object	The applicant owns the field the turbine is to be erected and
Object to the misleading statements within the supporting information relating to the farm diversification – there is no farm	the neighbouring field which are rented out as arable fields. It is not considered that the proposal represents farm diversification but it would assist in meeting the UK's national regional and local renewable energy targets.
Object to the location of the turbine which will be a blot on the landscape and impact upon the residential amenities of 6 of the dwellings which are in the immediate vicinity through noise and flicker	Noted please see above. (Residential Amenity)
The UK Noise Association state that turbines should not be sited within 1 km of nearest dwellings.	There are no separation distances set in planning policy.
The proposed access track in our opinion will be totally unsuitable and will cause land slip to the adjoining property	Should approval be granted a condition would be required to ensure full structural surveys are carried out taking into account any remedial works necessary to the balancing pond however as this is outside of the control of the emplicante a Commission study condition would be needed
No survey has been provided to show that the track can accommodate the heavy loads and that no collapse of the lake	applicants a Grampian style condition would be needed.
Object to the lack of ecology surveys – only 1 survey was done on the 3 <sup>rd</sup> May. Surveys should be carried out over longer period of time and seasons	The site has been assessed both by Leicestershire County Council Ecology and Natural England and meets the requirements of their policies with regards to the separation distances between turbines and hedgerows. No further ornithology surveys have been required and Natural England have also responded (above).
The turbine developer will receive subsidiaries which is funded by tax payers – the Council has failed to provide stakeholders with information on the financial impact of the proposal.	The consultation has been carried in accordance with the statutory requirements.
As residents fully aware of the frequent use of the area by the MOD as a flight path – the closing of RAF Cottesmore will not change this	The relevant bodies have been notified and have responded (see above) The RADAR equipment at RAF Cottesmore RADAR is no longer safeguarded and no objections have been received from the MOD or East Midlands Airport.
LOLA questions the power output (applicant claims power for 355 homes) we believe that this represents a gross exaggeration and will be more realistic at 234 homes. The applicant has made no allowance for the electricity needed to power the turbine.	The rated capacity is 500kW. This is stated to mean that the maximum output of the turbine is 500kW per hour, and it achieves this at wind speeds between 10 and 25 metres per second. The agent has confirmed that the figure of 1673MwHours is derived from their Annual Energy Production calculator which was produced for them by global power consultants Parsons Brinkerhoff Power. The agent has confirmed that it is not a best case scenario, but considers it to be an extremely accurate calculation of the actual energy produced by an EWT DW54 turbine at this location. The agent has taken into account (amongst other factors)
	<ul> <li>the wind speed at the site,</li> <li>the intermittency of wind,</li> <li>the surface roughness of the terrain,</li> <li>the availability of the turbine due to faults and</li> </ul>

	planned maintenance,
	<ul> <li>electrical losses, and</li> </ul>
	• wind shear.
If allowed to stand motionless for any length of time bowing' of the shafts and rotors could occur under the tremendous weight.	The turbine will be installed and operated under the manufactures guidelines.
On windless days power will be needed to turn the blades to prevent 'bowing and warping' of the blades	
Campaign to Protect Rural England - Concerns	Noted. Please see Conservation Officer and Environment Health Officer's comments above.
The turbine will be highly visible having a 77 metre to tip height. CPRE supports renewable energy projects which are appropriately located and supports Governments renewable energy polices. It is unlikely that the affect of the turbine would be significant but have concerns in regards to noise impact upon the neighbouring dwellings.	
Other Matters	
The applicant does not live in the area and does not have to look at them	Noted, this is not considered relevant in the determination of the application
Devalue property prices	Noted. This is not a planning consideration.
Doubt it will stop at just one turbine on the site	roced. This is not a plaining consideration.
Back door attempt to get a wind farm	Each application is to be considered on its own merits. A further planning application would be required and would subject to the same public consultation as this one. Cumulative impact would be required to be assessed.
The turbine would be problematic on any future bypass	No decision has been made on a future bypass for the town.
An Article on the BBC reported that a resident won an appeal to get discount on her Council Tax because of being close to a wind turbine which dropped the value	There is no evidence to suggest that house values will fall from the presence of a single turbine. The article referred to was considering the impact upon council tax banding resulting from a wind farm and was for the purpose of assessing Council Tax liability. The values arrived at are not reflective of the housing market which is independently assessed.
Believe that the desirability to live and visit Melton would be under threat if this was to go ahead	
The applicant has deceived the council through apply for an agricultural track when it is required for getting the turbine on the site as he only has right of way from Melton Spinney Road for agricultural use only	Planning permission was granted for an agricultural access from Melton Road (A607) to gain access to the top field in 2010. The upgrading works required to allow access for heavy vehicles required to transport the turbine is development in its own right and requires consent.

Environmental Impact Assessment (EIA)	The EIA Regulations provides guidance in order to assess if
	development is EIA development therefore requiring to be
The EIA screening opinion request and the Councils	supported with an Environmental Impact Assessment.
response is lacking in detail. Details relating to the farms	Whilst the turbine falls outside of Schedule 1 development
need and connection to the grid should have also been	(major infrastructure) it was considered to fall with
included and considered	Schedule 2 as the energy production is more than the 5MW
	however an assessment was made that a single turbine
The EIA screening request only included historic assets up	would not have a detrimental impact upon any sensitive
to 5 km when the ZTVs were much larger area. How was	landscape (no national designation) and was sufficiently set
it possible to assess the impact?	apart from any historic assets so as not to have a significant
	impact.
Old planning policies were referred to	
	Sufficient information was provided to consider the
Why was it not EIA development it's a large turbine	screening request.

Other material considerations (not raised through consultation or representation)

Consideration	Assessment of Head of Regulatory Services
<ul> <li>Planning Policy Considerations:</li> <li>The application is contrary to OS2 of the Melton Local Plan.</li> <li>There is a balance which needs to be met between the sympathetic siting of renewable energy projects and the extent of the environmental, social and economic impacts. However, the negative impacts on the local community and the environment completely outweigh any benefits which may be achieved from the proposed development.</li> </ul>	In common with all planning applications, the Authority are bound in law to determine the application under s38(6) of the Act, i.e. in accordance with the development plan unless material considerations indicate otherwise. The Development Plan comprises the Melton Local plan and the East Midlands Regional Plan. The application is considered to be contrary to Local Plan Policy OS2. However, the application needs to be consider in terms of the Development Plan as a whole and the NPPF (see above in respect of the relationship between policy documents). The issue of compliance with Policy OS2 is required to be balanced against the need for Local Planning Authorities to support the delivery of renewable energy.
	It is considered that the works required to facilitate the erection of the turbine would have significant harm on the landscape and therefore is not supported by local plan policy OS2 or the NPPF as a sustainable development through harmful effects on the environment.
Telecommunications and Broadcasting	The applicants have consulted the relevant bodies in line with the guidance document 'Tall Structures and their impact on Broadcasting and Wireless Services' produced in conjunction with OFCOM. They have acknowledge that a possible 195 homes may have their broadcasting affected however mitigation measures are available. Should planning permission be granted a condition has been suggested by Arqiva and the Joint Radio Company (JRC) requiring the developer to take remedial action ( this will typically require an on-site survey to determine appropriate

remedial measures) prior to commencement at the cost of the developer.

### **Conclusion**

The application proposes the erection of a medium scale turbine at a height of 50 metres to hub with tip height of 77 metres, to the northeast of Melton Mowbray and Thorpe Arnold. The turbine would assist in meeting renewable energy targets through the production of 1,673 Mw Hours per annum but in order to facilitate the development a 750 metre access track with engineering works to build up a section of the track to allow safe passage is required. The track also passes a balancing pond and whilst the applicant confirms that works will not affect the banks no survey work has been undertaken which requires soil analysis of the area. Whilst further work could be stipulated by condition it is considered that construction of the gabion wall and access track would have a harmful affect on the landscape which could not be successfully mitigated against. The proposal is considered to be contrary to the local plan policy OS2 and the NPPF and the benefits derived from the energy production do not outweigh other policy considerations. Accordingly the proposal is recommended for refusal due to the harmful effect upon the landscape.

## **RECOMMENDATION:-** Refuse.

1. The proposed construction of 750 metre of track and gabion retaining wall, introduce a new element into this landscape that would be widely visible. This visibility and presence would exceed that of any existing local features by reason of the height and material of the proposed gabion wall and track surface. The development would constitute a prominent feature in the open countryside which would fail to protect or enhance its distinctive local character and is not capable of mitigation or adequate compensation. Accordingly the development is contrary to the provisions of Policy OS2 of the adopted Melton Local Plan, the objectives of the East Midlands Regional plan, and the guidance offered in the NPPF in relation to sustainable development, design, and the natural environment. These impacts are not considered to be outweighed by the benefits of the proposal in terms of the generation of renewable energy.

Officer to contact: Mrs Denise Knipe

23rd August 2012