## APPENDIX 1

## APPLICATION NUMBER - 14/00827/FULL

## APPLICANT- FINAVON HILL ESTATE \& KILMAC CONSTRUCTION

## PROPOSAL \& ADDRESS - ERECTION OF A WIND TURBINE OF 40 METRES TO HUB HEIGHT AND 67M TO BLADE TIP AND ANCILLARY DEVELOPMENT AT FIELD 450M SOUTH OF FINAVON HOUSE, FINAVON, FORFAR

## ANGUS COUNCIL'S SUBMISSION

CONTENTS

| Ref No | Item |  |
| :---: | :---: | :---: |
| AC1 | Report of Handling |  |
| AC2 | Policy Tests (Angus Local Plan Review 2009) |  |
|  | Policy S1: Development Boundaries |  |
|  | Policy S3 : Design Quality |  |
|  | Policy S6: Development Principles including Schedule 1 |  |
|  | Policy ER4: Wider Natural Heritage and Biodiversity |  |
|  | Policy ER5: Conservation of Landscape Character |  |
|  | Policy ER11: Noise Pollution |  |
|  | Policy ER16: Development Affecting the Setting of a Listed Building |  |
|  | Policy ER18: Archaeological Sites of National Importance |  |
|  | Policy ER19: Archaeological Sites of Local Importance |  |
|  | Policy ER20: Historic Landscapes and Design Landscapes |  |
|  | Policy ER30 : Agricultural Land |  |
|  | Policy ER34 : Renewable Energy Developments |  |
|  | Policy ER35 : Wind Energy Developments |  |
|  |  |  |
|  |  |  |


| AC3 | TAYPIan Strategic Development Plan |  |
| :---: | :---: | :---: |
|  | Policy 3: Natural \& Historic Assets |  |
|  | Policy 6: Consider Criteria as Minimum |  |
|  | Consultation Responses |  |
| AC4 | Transport Scotland - 10.12.14 |  |
| AC5 | Head of Technical \& Property Services (Flood)- 03.11.14 |  |
| AC6 | Head of Environmental Health - 26.01.15 |  |
| AC7 | Aberdeenshire Council - Archaeology - 05.11.14 |  |
| AC8 | Historic Scotland - Archaeology - 03.11.14 |  |
| AC9 | RSPB - 31.10.14 |  |
| AC10 | NATS Safeguarding - 27.10.14 |  |
| AC11 | Civil Aviation Authority - 22.10.14 |  |
| AC12 | Dundee Airport Ltd - 30.10.14 |  |
| AC13 | Joint Radio Co Ltd - 06.11.14 \& 10.12.14 |  |
| AC14 | Countryside Access Officer - 23.10.14 |  |
| AC15 | Head of Technical \& Property Services - Roads - 29.10.14 |  |
| AC16 | Atkins - 27.10.14 |  |
| AC17 | Ministry of Defence - 03.11.14 |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |


|  | Letters of Representations |  |
| :--- | :--- | :--- |
| AC18 | D Geddes (Contractors) Ltd - 24.11.14 |  |
| AC19 | Alan Clark - 14.11.14 |  |
| AC20 | J Wylie - 25.11.14 |  |
| AC21 | Linda Clark - 25.11.14 |  |
| AC22 | Derek W Dewar - 26.11.14 |  |
| AC23 | Irene Dewar - 26.11.14 |  |
| AC24 | Angela Cross -02.12.14 |  |
| AC25 | G Cross - 02.12.14 |  |
| AC26 | A G Davie - 04.12.14 |  |
| AC27 | Alexander Wilkie - 04.12.14 |  |
| AC28 | Andrew Howard -04.12.14 |  |
| AC29 | Ashley Wilkie - 04.12.14 |  |
| AC30 | Audrey Ireland - 04.12.14 |  |
| AC31 | C Gouraly - 04.12.14 |  |
| AC30 | I Annadale - 04.12.14 |  |
| AC32 | C Walker - 04.12.14 |  |
| AC33 | Carole A Ross - 04.12.14 |  |
| AC34 | Colin Barr - 04.12.14 |  |
| AC36 | D Cowan - 04.12.14 |  |
| AC37 | G Morrison - 04.12.14 | Gillian Gibbons - 04.12.14 |


| AC42 | L Scott - 04.12.14 |  |
| :---: | :---: | :---: |
| AC43 | Liam Wilkie - 04.12.14 |  |
| AC44 | Lisa Howard - 04.12.14 |  |
| AC45 | Lorna Neave - 04.12.14 |  |
| AC46 | Lynn Morrison - 04.12.14 |  |
| AC47 | M Seilande - 04.12.14 |  |
| AC48 | Martin Gibbons - 04.12.14 |  |
| AC49 | Owner/Occupier 2A Gleanges Road - 04.12.14 |  |
| AC50 | Owner/Occupier 2A Huntley Place - 04.12.14 |  |
| AC51 | Owner/Occupier School House Kinnaird - 04.12.14 |  |
| AC52 | Pat Wilkie - 04.12.14 |  |
| AC53 | Paula Wilkie - 04.12.14 |  |
| AC54 | Peter Berwick - 04.12.14 |  |
| AC55 | S Zieinski - 04.12.14 |  |
| AC56 | Sandy Patullo - 04.12.14 |  |
| AC57 | Sharon Burrows - 04.12.14 |  |
| AC58 | Sonya Dickie - 04.12.14 |  |
| AC59 | Violet Clark - 04.12.14 |  |
| AC60 | William Middleton-04.12.14 |  |
| AC61 | Adrain Mioduszewski - 04.12.14 |  |
| AC62 | Aleksandra Rabala - 05.12.14 |  |
| AC63 | Anna Dunn - 05.12.14 |  |
| AC64 | Anna Klonowsko - 05.12.14 |  |
| AC65 | Claire Snow - 05.12.14 |  |
| AC66 | D McClone - 05.12.14 |  |


| AC67 | David Gdunski - 05.12.14 |  |
| :---: | :---: | :---: |
| AC68 | Edith Napier - 05.12.14 |  |
| AC69 | Edvins Balodis - 05.12.14 |  |
| AC70 | Edyta Gotunska - 05.12.14 |  |
| AC71 | Elizabeth Milne - 05.12.14 |  |
| AC72 | Felkis Rabala - 05.12.14 |  |
| AC73 | Frederick Purves - 05.12.14 |  |
| AC74 | George Whyte - 05.12.14 |  |
| AC75 | Geraldine Wilmshurst - 05.12.14 |  |
| AC76 | Greg M-05.12.14 |  |
| AC77 | Gregorz Mochon-05.12.14 |  |
| AC78 | H Johnson - 05.12.14 |  |
| AC79 | I Pionke-05.12.14 |  |
| AC80 | Ian Gill - 05.12.14 |  |
| AC81 | Irene Patullo - 05.12.14 |  |
| AC82 | Jakub Pionke - 05.12.14 |  |
| AC83 | Katrina Hamilton - 05.12.14 |  |
| AC84 | Lesley McLaren - 05.12.14 |  |
| AC85 | M Whyte - 05.12.14 |  |
| AC86 | Marzena Wojcik - 05.12.14 |  |
| AC87 | Maureen McClone - 05.12.14 |  |
| AC88 | Murray Findlay - 05.12.14 |  |
| AC89 | Nadia Jamieson - 05.12.14 |  |
| AC90 | Owner/Occupier 11 Morar Place - 05.12.14 |  |
| AC91 | Owner/Occupier 11A Dalfield Court - 05.12.14 |  |


| AC92 | Owner/Occupier 130 Ferry Road - 05.12.14 |  |
| :---: | :---: | :---: |
| AC93 | Owner/Occupier 36 David Douglas Avenue - 05.12.14 |  |
| AC94 | Owner/Occupier 84 Monifieth Road - 05.12.15 |  |
| AC95 | P McClone - 05.12.14 |  |
| AC96 | P Pielcki-05.12.14 |  |
| AC97 | Patryk Krupe - 05.12.14 |  |
| AC98 | Piotr Pionke - 05.12.14 |  |
| AC99 | Przemyslaw Rabala - 05.12.14 |  |
| AC100 | Ryan Dougall - 05.12.14 |  |
| AC101 | Ryan Patullo - 05.12.14 |  |
| AC102 | S Martin - 05.12.14 |  |
| AC103 | S McCurdy - 05.12.14 |  |
| AC104 | S Williamson-05.12.14 |  |
| AC105 | Sarah Dunbar - 05.12.14 |  |
| AC106 | Vytautas Furgatis - 05.12.14 |  |
| AC107 | Valerie G Morrison - 10.12.14 |  |
| AC108 | Christopher Aitken - 11.12.14 |  |
| AC109 | James Fichett - 16.12.14 |  |
| AC110 | Owner/Occupier 19 Moss Road - 16.12.14 |  |
| AC111 | Scott Steven - 16.12.14 |  |
| AC112 | Blair Contractors Tayside Ltd - 19.12.14 |  |
| AC113 | GAP Group Ltd - 05.12.14 |  |
| AC114 | J \& A Laird Ltd - 19.12.14 |  |
| AC115 | Keyline - 19.12.14 |  |
| AC116 | Wm Clark (Barry) Ltd - 29.12.14 |  |


| AC117 | Allan Mowatt - 13.01.15 |
| :---: | :---: |
| AC118 | Athole Ferguson-13.01.15 |
| AC119 | Bernard Kendall - 13.01.15 |
| AC120 | Charles Smith - 13.01.15 |
| AC121 | D R Murray - 13.01.15 |
| AC122 | Derek Findlay - 13.01.15 |
| AC123 | Donald Bissett - 13.01.15 |
| AC124 | Dr Helen Murrie - 13.01.15 |
| AC125 | Fred Cormie - 13.01.15 |
| AC126 | G Cargill - 13.01.15 |
| AC127 | G Douglas - 13.01.15 |
| AC128 | Iain Robb-13.01.15 |
| AC129 | Ian Smith - 13.01.15 |
| AC130 | James Dykes - 13.01.15 |
| AC131 | Joe Black - 13.01.15 |
| AC132 | Kenneth Baird - 13.01.15 |
| AC133 | L Thain - 13.01.15 |
| AC134 | Mr M Clarke - 13.01.15 |
| AC135 | Mr McAllan - 13.01.15 |
| AC136 | Mrs J Mills - 13.01.15 |
| AC137 | P Wood-13.01.15 |
| AC138 | Paul Clarke - 13.01.15 |
| AC139 | R Burnett - 13.01.15 |
| AC140 | Sandy Kydd - 13.01.15 |
| AC141 | Stephen Vickery - 13.01.15 |


| AC142 | W McSheffrey - 13.01.15 |  |
| :---: | :---: | :---: |
| AC143 | Eileen Rodger - 04.02.15 |  |
| AC144 | James Gibson - 04.02.15 |  |
| AC145 | Kay Smith - 04.02.15 |  |
| AC146 | Lorraine Forsyth - 04.02.15 |  |
| AC147 | Megan Forsyth - 04.02.15 |  |
| AC148 | Ray Gibson - 23.10.14 \& 21.12.14 |  |
| AC149 | Jeremy Gow - 21.10.14 |  |
| AC150 | Mrs Anona Gow - 21.10.14 |  |
| AC151 | Heather Gow - 23.10.14 |  |
| AC152 | Mr D J H Gow - 23.10.14 |  |
| AC153 | Mrs Patricia Powell - 23.10.14 |  |
| AC154 | Mrs Pearl Duddy - 24.10.14 |  |
| AC155 | John Oliphant - 26.10.14 |  |
| AC156 | Mrs Susan Oliphant - 26.10.14 |  |
| AC157 | D R Powell - 28.10.14 |  |
| AC158 | Mr \& Mrs Tannock - 30.10.14 |  |
| AC159 | David Beattie - 02.11.14 |  |
| AC160 | Gail MacFarlane - 02.11.14 \& 04.01.15 |  |
| AC161 | Miss Valerie MacFarlane - 02.11.14 |  |
| AC162 | Margaret Nesbitt - 06.11.14 |  |
| AC163 | Thomas Nesbitt - 06.11.14 |  |
| AC164 | Andrew Vivers - 07.11.14 |  |
| AC165 | K Philip - 07.11.14 |  |
| AC166 | Karina Peters - 07.11.14 |  |


| AC167 | L Learmonth - 07.11.14 |  |
| :---: | :---: | :---: |
| AC168 | M Kane - 07.11.14 |  |
| AC169 | Mrs K J Cooper - 07.11.14 |  |
| AC170 | N Walker - 07.11.14 |  |
| AC171 | Pamela Kane - 07.11.14 |  |
| AC172 | Susan Griffiths - 07.11.14 |  |
| AC173 | W E Cooper - 07.11.14 |  |
| AC174 | John \& Susan Oliphant - 29.12.14 |  |
| AC175 | Richard Finch - 14.01.15 |  |
| AC176 | Mrs A Gow - 31.01 .15 |  |
|  | Application Drawings |  |
| AC177 | OS Map |  |
| AC178 | Refused Drawings |  |
|  | Further Information Relevant to Assessment |  |
| AC179 | Site Photographs |  |
| AC180 | Decision Notice |  |
|  | Supporting Information |  |
| AC181 | Supporting Statement |  |
| AC182 | Socio-Economic Impact Assessment |  |
| AC183 | Environmental Report |  |
| AC184 | Chapter 7: Landscape \& Visual Impact |  |
| AC185 | Cumulative Noise Assessment |  |
| AC186 | Environment Health (Financial) |  |

## Angus Council

| Application Number: | 14/00827/FULL |
| :--- | :--- |
| Description of Development: | Erection of a Wind Turbine of 40 metres to Hub Height and 67m to <br> Blade Tip and Ancillary Development |
| Site Address: | Field 450M South Of Finavon House Finavon Forfar |
| Grid Ref: | $349020: 754970$ |
| Applicant Name: | Finavon Hill Estate \& Kilmac Construction |

## Report of Handling

## Site Description

The application site measures approximately 1.2 ha and is located on agricultural land on the north-facing slopes of Finavon Hill, to the north-east of Forfar and approximately 1 km to the south-east of the A90. The application site lies just down from the ridge of Finavon Hill and there are tree belts to the east, west and north of the application site.

## Proposal

The proposal involves the installation of a single wind turbine of 40 m to hub height and 67 m to blade tip and associated infrastructure, including a new access track, crane hardstanding area and small cabin close to the base of the turbine. The proposed turbine would be an EWT Directwind 54500 kW with an estimated annual generating capacity of 1800 MWh . The wind turbine would be finished in a pale grey colour and a semi-matt finish. The access track to the site would involve the upgrading of approximately 2.5 km of existing access track and the addition of approximately 350 m of new track.

This application for planning permission has not been subject of variation.

## Publicity

The application was subject to normal neighbour notification procedures.
The application was advertised in the Dundee Courier on 17 October 2014 for the following reasons:

- Schedule 3 Development

The nature of the proposal did not require a site notice to be posted.

## Planning History

A planning application was received for erection of 3 wind turbines ( 99.5 m to blade tip) close to the current application site. That proposal was subject to a planning appeal prior to a decision being taken on the application. The planning appeal was dismissed by a Reporter appointed by the Scottish Government on 26 October 2012 (ref. 12/00002/EIAL applies) because it was judged to be contrary to policies S1(b), S6, ER5 and ER34(b) of the Angus Local Plan Review (2009) and was not considered to be justified in relation to the requirements of policy 6 of TAYplan.

Planning permission has also been granted for the erection of a 50 m high wind-speed monitoring mast on a nearby site (refs 11/00565/FULL \& 13/01101/FULL).

## Applicant's Case

The applicant has submitted the following documents to support the application:-

1. An Environmental Report which includes ZTV's, viewpoints and wirelines of the proposed turbine;
2. A Supporting Statement; and
3. A Socio-Economic Impact Assessment.

The Environmental Report (ER) assesses the local environmental impacts of the proposed turbine. The ER includes chapters on (1) Introduction (including development background); (2) The Proposed Development; (3) Planning and Environmental Policy Context; (4) Local Economic Benefits; (5) Project Design Considerations; (6) Ecology and Ornithology; (7) Landscape and Visual Impact; (8) Noise; (9) Cultural Heritage/Archaeology; (10) Surface and Groundwater Hydrology; (11) Existing Infrastructure, Telecommunications, Television, Aviation and Electromagnetic Interference; and (12) Shadow Flicker. The ER indicates that the proposal has been revised following a consideration of the reasons for refusal for the earlier proposal for 3 wind turbines. The ER indicates that the revised development has reached the point at which any further reductions in elevation or turbine size would have a dramatic impact on the efficiency of the wind turbine and the viability of the development.

The Supporting Statement highlights the significant personal investments made by the estate owner since the estate was purchased in 1993. It highlights that the proposed turbine would help secure the future of the estate and permit further investment in farming and the construction of a sporting lodge. It would permit the employment of additional staff and allow the part retirement of the estate owner. The other turbine partner is a locally based company who employs over 100 people and provides apprenticeships across Tayside. The statement indicates that the magnitude of changes adopted by the proposal, in comparison with the original proposal for three higher wind turbines, must be given due weight and consideration. It is also considered that the issues raised by the Scottish Government Reporter, for the previously dismissed appeal for 3 turbines nearby, have been suitably addressed by the current application. The supporting statement indicates that over the lifetime of the development the planning context of the site has distinctly changed in terms of landscape capacity recommendations. The statement includes letters of support from other local businesses including Laird Brothers, Nixon Hire, W. F Barker Joiners and Builders, Cotside Quarry, Bogindollo Farm, Finavon Hotel, Finavon Castle Water fishery, D Geddes and Keyline.

The Socio-Economic Impact Assessment (SEIA) indicates that the Finavon Hill Estate is a well-established sporting estate attracting over 250 visitors per annum. The estate brings footfall and expenditure to the area, which in turn has a direct positive affect on tourism related sectors. Finavon Hill Estate is active during the traditionally quieter low season for other tourism operators and, therefore, nearby services benefit during these normally quieter tourist periods. The proposed wind turbine for the estate would contribute to its continued progression, including employment and salaries at the estate. The SEIA highlights the economic benefits of the construction process and ongoing operational and maintenance impacts. It indicates that the proposal would result in the long term impacts of economic wealth (gross value added) of $£ 4.5 \mathrm{~m}$ and disposable income of $£ 2.2 \mathrm{~m}$. It would support on site impacts of 11 net FTE jobs and construction impacts of 3 net person year equivalent jobs.

## Consultations

Atkins - No objection.
Transport Scotland - No objections, on the understanding that the route for the turbine delivery is given prior approval including any temporary traffic management measures proposed.

Angus Council - Flood Prevention - Notes that the proposed turbine lies out-with the medium probability flood envelope of the Lemno Water as given on SEPA's indicative 1:200 year flood map so will not be at risk of flooding from this source. The Roads Service suggests that all access roads and areas of hard-standing used in construction, operation and decommissioning should be drained by suitable SUDs
systems to prevent increased run off rates or pollution entering downstream receiving waters.
Angus Council Environmental Health - has no objection to the proposal provided conditions are attached to any planning permission to regulate noise and shadow flicker. Environmental Health notes that an increased noise limit would be allowed for both Finavon House and Finavon Cottage provided they both have a financial interest in the proposed development.

Ministry Of Defence - This consultee has raised no objections, on condition that the turbine is fitted with aviation safety lighting and details of the dates of construction period, maximum height of construction equipment and exact location of the turbine are sent to them for their records.

Aberdeenshire Council Archaeology Service - notes that the proposed turbine occupies an area in close proximity to the archaeology site NO45SE0074, a cup marked stone thought to date to the prehistoric period. They have advised that a condition should be applied to any planning permission in order to protect this feature from accidental damage during development works.

Historic Scotland - Archaeology - Historic Scotland acknowledges the impact of the proposal on the settings of the Finavon Hill Fort and Turin Hill Fort (Scheduled Ancient Monuments), but considers that impact to be limited and localised. Consequently, they do not consider the proposed development will adversely affect the way in which these monuments are understood, appreciated and experienced to such an extent that issues of national significance are involved.

RSPB Scotland - Has examined the relevant ecological chapters of the planning application and has no specific comments.

NERL Safeguarding - The proposed development has been examined from a technical safeguarding aspect and does not conflict with safeguarding criteria. Accordingly, NATS (En Route) Public Limited Company ("NERL") has no safeguarding objection to the proposal

Civil Aviation Authority - Has requested that consultations are sent to NATS and MOD but has not objected to the proposal.

Dundee Airport Ltd - Has confirmed that its calculations show that, at the given position and height, this development would not infringe the safeguarding surfaces for Dundee Airport.

Joint Radio Co Ltd - This consultee has raised no objections to the proposals.

Natural \& Built Environment - Landscape - Has indicated that the height and positioning of the proposed turbine would be inconsistent with council guidance relating to the landscape character of the Forfar Hills and has indicated that a turbine of this size and in this location would result in significant adverse landscape impacts.

Countryside Access Officer - No objection provided that a condition of planning permission is imposed requiring details of how public access will be managed during construction and on completion of development.

Scottish Environment Protection Agency - There was no response from this consultee at the time of report preparation.

Spectrum - There was no response from this consultee at the time of report preparation.
BBC - There was no response from this consultee at the time of report preparation.
Community Council - There was no response from this consultee at the time of report preparation.
Angus Council - Roads - The Roads Service notes that turbine components would be delivered from

Aberdeen by special turbine delivery vehicles using extended trailers for the turbine blades which would be approximately 24 m in length. Since only 1 turbine is proposed the volume of these trips would be limited to 6 only. Consequently, the majority of vehicular traffic generated by the proposal will result from construction traffic. The Roads Service has no objections to the proposed development but recommend that any consent granted shall be subject to conditions requiring construction traffic management details.

Scottish Water - There was no response from this consultee at the time of report preparation.

## Representations

159 letters of representation were received, of which 1 offered comments which neither supported nor objected to the proposal, 30 objected to the proposal and 128 supported the proposal.

## Points in objection:-

- Adverse effects on the historic environment around the proposed turbine;
- Proposals would be contrary to development plan policy and Council/National advice;
- Approval would set an undesirable precedent for similar proposals nearby;
- Adverse effects on landscape and visual amenity;
- Claims of carbon saving through the proposals cannot be substantiated;
- The socio/economic benefits claimed cannot be substantiated;
- Adverse effects on existing residential amenity through noise, shadow flicker and visual intrusion;
- Adverse effects on the cumulative visual impact of the development;
- Public access to Finavon Hill is currently virtually impossible due to access gates being kept locked at all times;
- Adverse effects on tourism.

These matters are discussed in the Assessment below.

- Previous dismissal of appeal for 3 wind turbines close to this site should result in the current proposals also being refused. Comment:- the current application is materially different from the previous scheme that was refused. It requires to be assessed on its own merits having regard to development plan policy and other material considerations. The previous refusal is of some materiality in the determination of this application;
- Adverse effects on public health - The Scottish Government's Specific Advice Sheet on Onshore Wind indicates that a recent report prepared for the Department of Energy and Climate Change concluded that there is no evidence of health effects arising from infrasound or low frequency noise generated by wind turbines. I do not consider that the proposal should give rise to any other signific ant health issues provided it is capable of complying with relevant conditions in relation to matters such as noise levels and shadow flicker;
- The letters of support, which are primarily pre-printed letters, should be disregarded as the turbine will not be beneficial to the local economy post-construction. Comment:- Economic and environmental benefits and disbenefits are considered in the assessment below..


## Points in Support:

- The proposals will provide diversification for the established shooting and farming estate, which attracts visitors to the area;
- The proposals will not have an adverse effect on landscape and visual interests;
- Local contractors, businesses and suppliers will benefit from the proposals, which are a joint venture of two local companies;
- The proposals will not have an adverse effect on existing residential amenity;
- Good wind speed will be provided in this location;
- Existing employment on this estate will be safeguarded and the new shooting lodge will be able to be
progressed;
- The application site is not within a designated sensitive area;
- There are already many wind turbines on hilltops on the route to Aberdeen, which can be seen for miles.

These matters are discussed in the Assessment below.

## Development Plan Policies

## Angus Local Plan Review 2009

Policy S1: Development Boundaries<br>Policy S3 : Design Quality<br>Policy S6 : Development Principles (Schedule 1)<br>Policy ER4 : Wider Natural Heritage and Biodiversity<br>Policy ER5 : Conservation of Landscape Character<br>Policy ER11: Noise Pollution<br>Policy ER16 : Development Affecting the Setting of a Listed Building<br>Policy ER18: Archaeological Sites of National Importance<br>Policy ER19 : Archaeological Sites of Local Importance<br>Policy ER20 : Historic Landscapes and Designed Landscapes<br>Policy ER30 : Agricultural Land<br>Policy ER34 : Renewable Energy Developments<br>Policy ER35 : Wind Energy Developments

## TAYplan Strategic Development plan

Policy 3D : Natural and Historic Assets
Policy 6 : Energy and Waste/Resource Management Infrastructure
The full text of the relevant development plan policies can be viewed at Appendix 1 to this report.

## Assessment

Sections 25 and $37(2)$ of the Town and Country Planning (Scotland) Act 1997 require that planning decisions be made in accordance with the development plan unless material considerations indicate otherwise.

In this case the development plan comprises: -
TAYplan (Approved 2012)
Angus Local Plan Review (Adopted 2009)
The relevant policies of the development plan are reproduced at Appendix 1.

Angus Council is progressing with preparation of a Local Development Plan to provide up to date Development Plan coverage for Angus. When adopted, the Angus Local Development Plan (ALDP) will replace the current adopted Angus Local Plan Review (ALPR). The Draft Proposed Angus Local Development Plan was considered by Angus Council at its meeting on 11 December with a view to it being approved and published as the Proposed ALDP for a statutory period for representations. The Draft Proposed ALDP sets out policies and proposals for the 2016-2026 period consistent with the strategic framework provided by the approved TAYplan SDP (June 2012) and Scottish Planning Policy (SPP) published in June 2014. The Proposed ALDP, as approved by Angus Council, will be subject to a 9 week period for representation commencing in February 2015. Any unresolved representations received during this statutory consultation period are likely to be considered at an Examination by an independent Reporter appointed by Scottish Ministers. The Council must accept the conclusions and recommendations of the Reporter before proceeding to adopt the plan. Only in exceptional circumstances can the Council choose
not to do this. The Proposed ALDP represents Angus Council's settled view in relation to the appropriate use of land within the Council area. As such, it will be a material consideration in the determination of planning applications. The Proposed ALDP is, however, at a stage in the statutory process of preparation where it may be subject to further modification. Limited weight can therefore currently be attached to its contents. This may change following the period of representation when the level and significance of any objection to policies and proposals of the plan will be known.

In addition to the development plan a number of matters are also relevant to the consideration of the application and these include: -
. $\quad$ National Planning Framework for Scotland 3 (NPF3);
. Scottish Planning Policy (SPP);

- Scottish Government 'Specific Advice Sheet' on Onshore Wind Turbines; Tayside Landscape Character Assessment; Angus Council Implementation Guide for Renewable Energy Proposals (2012); Strategic Landscape Capacity Assessment for Wind Energy in Angus (Ironside Farrar - 2013); Angus Wind farms Landscape Capacity and Cumulative Impacts Study (Ironside Farrar, 2008); Siting and Designing Wind Farms in the Landscape (SNH, Version 2 May 2014)
- 'Assessing The Cumulative Impact of Onshore Wind Energy Developments' (SNH, March 2012)
- Planning Advice Note 1/2011: Planning and Noise.

NPF3 states that the Government is committed to a Low Carbon Scotland and through the priorities identified in the spatial strategy set a clear direction to tackling climate change through national planning policy. Renewable energy technologies, including ons hore wind, are identified as key aspects to realising this aim whilst recognising that a planned approach to development is required to find the correct balance between safeguarding assets which are irreplaceable while facilitating change in a sustainable way.

The Scottish Planning Policy (SPP, June 2014) represents a statement of government policy on land use planning. In relation to onshore wind, the SPP states that 'planning authorities should set out in the development plan a spatial framework identifying areas that are likely to be most appropriate for onshore wind farms. The spatial framework is complemented by a more detailed and exacting development management process where the merits of an individual proposal will be carefully considered against the full range of environmental, community and cumulative impacts. Proposals for onshore wind should continue to be determined while spatial frameworks and local policies are being prepared and updated'. Proposals for energy infrastructure developments should always take account of spatial frameworks for wind farms and heat maps where these are relevant. Considerations will vary relative to the scale of the proposal and area characteristics but are likely to include:

- net economic impact, including local and community socio-economic benefits such as employment, associated business and supply chain opportunities;
- the scale of contribution to renewable energy generation targets;
- effect on greenhouse gas emissions;
- cumulative impacts - planning authorities should be clear about likely cumulative impacts arising from all of the considerations below, recognising that in some areas the cumulative impact of existing and consented energy development may limit the capacity for further development;
- impacts on communities and individual dwellings, including visual impact, residential amenity, noise and shadow flicker;
- landscape and visual impacts, including effects on wild land;
- effects on the natural heritage, including birds;
- impacts on carbon rich soils, using the carbon calculator;
- public access, including impact on long distance walking and cycling routes and scenic routes identified in the NPF;
- impacts on the historic environment, including scheduled monuments, listed buildings and their settings;
- impacts on tourism and recreation;
- impacts on aviation and defence interests and seismological recording;
- impacts on telecommunications and broadcasting installations, particularly ensuring that transmission links are not compromised;
- impacts on road traffic;
- impacts on adjacent trunk roads;
- effects on hydrology, the water environment and flood risk;
- the need for conditions relating to the decommissioning of developments, including ancillary infrastructure, and site restoration;
- opportunities for energy storage; and
- the need for a robust planning obligation to ensure that operators achieve site restoration.

The Scottish Government's Planning Advice Notes relating to renewable energy have been replaced by Specific Advice Sheets (SAS). The 'Ons hore Wind Turbines SAS' identifies typical planning considerations in determining planning applications for onshore wind turbines. The considerations identified in the SAS are similar to those identified by policies ER34 and ER35 of the ALPR and the SPP as detailed above.

Angus Council has produced an Implementation Guide for Renewable Energy Proposals. It provides guidance for development proposals ranging from small single turbines to major windfarms. It indicates that wind developments are the primary area of renewable energy proposals in Angus and the planning considerations are strongly influenced by the scale and location of the proposal including landscape and visual impact, potential adverse effects on designated natural and built heritage sites, protected species, residential amenity, soils, water bodies and access.

Scottish Natural Heritage in conjunction with Angus and Aberdeenshire Councils commissioned Ironside Farrar to review current landscape sensitivity and capacity guidance in relation to wind energy development. The Strategic Landscape Capacity Assessment for Wind Energy in Angus (March 2014) provides updated information on landscape capacity for wind energy development and the potential cumulative impact of proposals in the context of operational and consented developments.

Proposals for wind turbine developments and associated infrastructure are primarily assessed against policies ER34 and ER35 of the local plan although other policies within the plan are als o relevant. The policy position provides a presumption in favour of renewable energy developments recognising the contribution wind energy can make in generating renewable energy in Scotland. These policies also require consideration of impacts on ecology including birds; cultural heritage including listed buildings, scheduled monuments, designed landscapes and archaeology; aviation; amenity in the context of shadow flicker, noise and reflected light; landscape and visual impact including cumulative impacts; future site restoration; transmitting or receiving systems; any associated works including transmissions lines, road and traffic access/safety and the environmental impact of this. These policy tests overlap matters contained in other policies and therefore these matters are discussed on a topic by topic basis.

## Environmental and Economic Benefits

Policy 6 of TAYplan indicates that one of its aims for the city region is to deliver a low/zero carbon future and contribute to meeting Scottish Government energy and waste targets. The local plan indicates that Angus Council supports the principle of developing sources of renewable energy in appropriate locations. The SPP sets out a "commitment to increase the amount of electricity generated from renewable sources" and includes a target for the equivalent of $100 \%$ of Scotland's electricity demand to be generated from renewable sources by 2020 along with a target of $30 \%$ of overall energy demand from renewable sources by 2020. Paragraph 154 of the SPP indicates that planning authorities should help to reduce emissions and energy use in new buildings and from new infrastructure by enabling development at appropriate locations that contributes to electricity and heat from renewable sources.

In term of economic benefits associated with the proposal, a Socio-Economic Impact Assessment has been submitted which suggests that the long term impacts of the proposed development would result in economic wealth of $£ 4.5 \mathrm{~m}$ (net Gross Value Added). It indicates that during the construction phase the total project cost would be approximately £1.5m, resulting in 10 Person Year Equivalent jobs, £300,000 in salaries and $£ 680,000$ Gross Value Added. The operational and maintenance phase costs would be
$£ 600,000$ over the lifetime of the turbine or 5 Person Year Equivalent jobs, $£ 110,000$ in salaries and $£ 255,000$ in Gross Value Added. The Socio-Economic Impact Assessment also states that Finavon Estate employs three full time staff and around $20-25$ seasonal staff working during the peak season. The seasonal staff all live locally and there are a range of ages and backgrounds. The wind turbine project would support the long term sustainability of the estate and safeguard existing jobs. The supporting information states that the estate has been looking at the promotion of a wind project since 2010 to help secure the future of the estate and to permit further employment, investment in farming and in the construction of the a sporting lodge to meet expansion requirements. The information indicates that the Finavon Estate is now a thriving community continuing to attract inward investment from sporting parties as far away as the United States. The information suggests that the proposed wind turbine development represents an excellent opportunity for local contractors and suppliers to benefit from the proposed development.

The supporting information indicates that environmental benefits associated with the proposal would also be significant. The proposed wind turbine is predicted to generate approximately $1,800 \mathrm{MWh}$ of electricity annually, which is enough electricity to provide power to approximately 430 homes. Over the turbine's 20 year lifecycle, the project is expected to result in a carbon saving of 5,900 tonnes and a CO2 saving of 21,800 tonnes. The development is predicted to have a CO2 payback time of approximately 4 months of operation.

I acknowledge that the proposed turbine could make a contribution towards renewable energy generation and would assist in securing the viability of the estate's operation, providing a level of local economic benefit through the construction and operation period. The proposal attracts in principle support from the development plan. I have had regard to the economic and environmental contribution in undertaking my assessment of the proposal.

## Landscape Impact

Policy 6 of TAYplan indicates that in determining proposals for energy development consideration should be given to landscape sensitivity. Local Plan Policy ER5 (Conservation of Landscape Character) requires development proposals to take account of the guidance provided by the Tayside Landscape Character Assessment (TLCA), prepared for Scottish Natural Heritage (SNH) in 1999, and indicates that, where appropriate, sites selected should be capable of absorbing the proposed development to ensure that it fits into the landscape. Policy ER34 of the Local Plan indicates that proposals for renewable energy development will be assessed on the basis of no unacceptable adverse landscape and visual impacts having regard to landscape character, setting within the immediate and wider landscape, and sensitive viewpoints.

The application site lies within an area identified in the Tayside Landscape Character Assessment (TLCA) as 'Low Moorland Hills' Landscape Character Type (LCT). The Angus Windfarms Landscape Capacity and Cumulative Impacts Study undertaken by Ironside Farrar in September 2008 acknowledges that the 'Low Moorland Hills' Landscape Character Type (LCT) comprises two sub-types: the lower, flatter and mainly afforested Montreathmont Forest \& Moor and surrounding farmland to the east of Turin Hill and north of Guthrie and the area of widely separated steep sided hills in rolling farmland to the west, surrounding the east and south sides of Forfar.

The Council's Implementation Guide for Renewable Energy Proposals suggests that this landscape character type (Low Moorland Hills) has scope for turbines circa 80 m in height which do not disrupt the principal ridgelines or adversely affect the setting of important landscape features and monuments such as Balmashanner Monument; and Finavon and Turin hillforts.

The Strategic Landscape Capacity Assessment for Wind Energy in Angus (SLCA) (March 2014) provides more detailed assessment of the Low Moorland Hills LCT and subdivides the area into smaller Landscape Character Areas (LCA) based on their more localised landscape characteristics. The site is situated within sub area (i) Forfar Hills. This LCT is characterised by a varied landscape of small steep hills and ridges set within a wider area of medium scale rolling/undulating farmland. The hills provide a backdrop to Forfar and
define the southern edge of the South Esk section of Strathmore. Most of the hills are visible from the A90 and there are a number of hillforts and viewpoints located on the hills. An electricity transmission line crosses the northern edge of the LCA at the Hill of Finavon.

The SLCA indicates that the Forfar Hills have no capacity for medium/large turbines (turbines between 50 m and 80 m in height). The turbine proposed is 67 m and is therefore a larger turbine than the SLCA indicates as being an appropriate size for the Forfar Hills. The SLCA indicates that the Forfar Hills have higher visual sensitivity and complex, modest scale landforms compared with the sub-area to the east. The detailed guidance in the SLCA indicates that turbines should be located in enclosed farmland or on lower slopes of the hills, avoiding skylines. It states that the height of the turbines should relate to the scale of the landscape with particular regard to the vertical scale of the hills. Larger turbines should be located away from the smaller scale hills and hill slopes to avoid diminishing the apparent scale of the slopes or breaking the skyline.

The proposed turbine would be 40 metres to hub height and 67 metres to blade tip. It would be located between the 180 m and 190 m contour, which the Environment Report indicates as ' 25 m off the summit of the ridgeline'. The ridgeline varies in height from around 200 m to 229 m (at its highest point). The 67 m turbine would project above the ridge breaking the skyline and would be loc ated on the higher part of the hill slope ( $180 \mathrm{~m}-190 \mathrm{~m}$ contours) which would have the effect of reducing the perceived scale of the hills in that location. Both of these factors mean that the proposal would be inconsistent with the detailed landscape guidance contained within the SLCA.

The ER includes photomontages to help illustrate the potential impacts associated with the proposal. VP01 Balmashanner shows that the turbine would project above the ridgeline when viewed from the south west. From this position, there would be no landscape backdrop for the turbine and it would breach the skyline, contrary to the detailed landscape guidance. Skylining effects associated with the proposed turbine would be extensive from Strathmore. This is illustrated by VP02 Whitehills, Forfar; VP05 Mains of Finavon; VP06 Bogindollo; VP08 Tannadice; VP11 Brechin; VP12 White Catterthun; VP15 Kirriemuir; and VP18 A90 bridge by Forfar. The photomontages also illustrate the proposed turbine would be located on the higher slopes of the hills which would contribute to diminishing the apparent scale of the hill slopes. SNH guidance Siting and Designing Wind Farms in the Landscape (May 2014) indicates that wind turbines should be of minor vertical scale in relation to the key features of the landscape (typically less than one third). The turbine would not appear as being of minor vertical scale in relation to the key features of the landscape. VP05 Mains of Finavon shows visual elevation gain to be around 1.5 times turbine height; VP06 Bogindollo shows visual elevation gain to be around 2 times turbine height; and VP08 Tannadice shows visual elevation gain to be around 2 to 2.5 times turbine height.

In this case the proposed turbine would be inconsistent with the detailed siting and design guidelines provided by the Council's Implementation Guide, the SLCA and the guidance of SNH for the siting and design of wind turbines. The SLCA indicates that there is no capacity for medium/large turbines in the Forfar Hills area. On that basis, I consider that the site selected would not be capable of absorbing the proposed development to ensure that it fits into the landscape (ER5); and the proposed turbine would result in adverse landscape impacts having regard to landscape character, setting within the immediate and wider landscape, and sensitive viewpoints (ER34).

## Visual Impact

Policy S6 of the Angus Local Plan Review requires that proposals should not give rise to unacceptable visual impacts. Policy ER34 of the Local Plan also indicates that renewable energy development will be assessed on the basis of no unacceptable adverse landscape and visual impacts having regard to landscape character, setting within the immediate and wider landscape, and sensitive viewpoints. In assessing visual impact I consider that it is appropriate to have regard to recent appeal decisions within Angus where this issue has been considered in order to secure a degree of consistency in the decision making process.

The application is supported by information to show the theoretical visibility of the proposed turbine. A zone of theoretical visibility (ZTV) has been submitted to show theoretical visibility of both the hub of the turbine and the blades. This information indicates a band of theoretical visibility along Strathmore from south west and north east. This includes theoretical visibility from the settlements of Alyth, Meigle, Glamis, Kirriemuir, Forfar, Brechin, Montrose and Laurencekirk. The turbine would be widely visible from the A90 trunk road and rural roads primarily in a band extending from the south west to north east, with impacts likely to be greatest within 10 km of the proposed turbine. The ridgeline location of the proposed turbine immediately adjacent to Strathmore disproportionately increases the visual prominence of the turbine. Significant visual effects would therefore extend to a greater distance than would otherwise have been the case, with the proposed turbine becoming a landmark along the route of the A90(T).

Planning appeal decisions have generally accepted that residents should be treated as of high sensitivity in assessing the significance of visual impact. The magnitude of change (and, thus, the significance of the impact they will experience) will vary with the context of the house that they occupy: its distance from the proposed wind farm and orientation in relation to it; the presence of intervening screening from vegetation and other buildings; and the presence of other significant visual features. However it is not only the views from principal rooms that are of importance as residents also use the space around their house and the impact on occupiers and visitors approaching or leaving the properties must also be considered.

The ER includes an assessment of impacts on residential property within 3 km of the proposed turbine. Finavon House (approximately 400 m from the proposed turbine) is identified as the only property which would experience a high magnitude of change in that assessment. It is noted that there are two properties within 10 turbine heights: Finavon House and Hillside Cottage (described as Finavon Cottage in the noise assessment data submitted). The residential assessment in the ER does not include this cottage (west of Finavon House). It is likely to experience a similar magnitude of change to Finavon House. However, the occupants of these properties are understood to have a financial interest in the proposed turbine and as such the sensitivity of these receptors can be reduced. There are a number of properties further north between 1 km and 2 km and close to the A90. They would experience views towards the proposed turbine from windows, garden areas or on their approaches. VP5 and VP6 provide a reasonable representation of the visual impacts they may experience. It is noted that while the proposed turbine would occupy a reasonably significant vertical extent of the view, it would only occupy a relatively minor horizontal extent. The turbine would have some significant effects on those residential receptors, but those effects are not considered to be unacceptable at that distance. Properties to the south, south east and south west and between 1 km and 2 km from the proposed turbine are atributed a low or negligible magnitude of change in the ER. VP3 provides a reasonable representation of the views which would be experienced from properties to the south including Howmuir, Myreston and the cottages on the B9134. They would experience views towards the proposed turbine from windows, garden areas or on their approaches but those views would be limited to the turbine blades and (potentially) the hub, with much of the turbine tower screened by the ridge. The views from these properties would be less significant than from those to the north and at the distances involved, the effects would not be unacceptable. In summary, the turbine would be visible from a number of residential properties but given its height, the separation distance between the properties and the turbine, and the limited horizontal extent of a single turbine; it is not considered that it would be dominant or overbearing on the occupants of any property. As such visual impact on residential property is not considered unacceptable.

The ER includes an assessment of visual effects on settlements within 20 km of the proposed turbine. No settlements are predicted to experience significant effects, although the ER acknowledges that parts of eastern Forfar would experience some prominent views. The ER also provides an assessment of transport routes. The A90 Tealing to Brechin, the B9134 Forfar to Brechin and the B957 Kirriemuir to Finavon are all assessed but none are assessed as likely to experience significant effects.

In summary, the proposed turbine would be readily visible in the surrounding area and would give rise to visual impacts on sensitive receptors in the area (residential and recreational receptors), and on those using roads in the area. However, I do not consider that any of these impacts would be unacceptable.

## Cumulative Landscape and Visual Impact

An assessment of cumulative landscape and visual effects is also required by local and national policy. SNH Guidance on 'Assessing The Cumulative Impact of Onshore Wind Energy Developments' (March 2012) indicates that cumulative landscape effects can include effects on the physical aspects of the landscape and effects on landscape character. Cumulative visual effects can be caused by combined visibility and/or sequential effects. Combined visibility may be in combination i.e. where several wind farms are in the observers arc of vision or in succession where the observer has to turn to see various wind farms. Sequential effects occur when the observer has to move to another viewpoint to see different developments.

The Implementation Guide provides interpretation of the level of turbine development that a Landscape Character Type is capable of absorbing. It suggests that the Low Moorland Hills has an existing windfarm character as a 'landscape with views of windfarms'. It indicates that an acceptable future windfarm character would be a 'landscape with occasional windfarms'. The SLCA indicates that the minimum group separation distance between medium $(30 \mathrm{~m}-<50 \mathrm{~m})$ sized turbines in this area should be between 3 km and 6 km . It provides no separation distance for medium/large turbines ( $50 \mathrm{~m}-<80 \mathrm{~m}$ ) relative to any other turbine size because it indicates that there is no capacity for medium/large turbines in this area.

The ER provides information on operational, consented and in planning wind turbines with 50 km of the application site. It indicates that there is very little cumulative impact as a result of the proposed turbine due to both its limited impact and the distance to other schemes. The nearest operational or consented turbines include two operational 76.5 m turbines at East Memus approximately 7.5 km to the north-west. There is also a 49.5 m operational wind turbine at Broom Farm, Tannadice approximately 4.5 km to the north. There is a 47.5 m single operational wind turbine at Balhall Lodge, Menmuir approximately 9 km to the north-east. A single 77 m operational wind turbine exists at Pickerton approximately 7.8 km to the south east. There is a single 77 m wind turbine approved at Dunswood, Menmuir approximately 7.5 km to the north-east. A 34.2 m single turbine has been approved at Carsegownie, Forfar approximately 1.5 km to the south-east. Regarding undetermined applications for wind turbines, a single 61 m turbine is proposed at Easter Balgillo, Tannadice approximately 4 km to the north.

Significant cumulative landscape impacts arising from the proposed turbine and consented turbines is unlikely. The closest consented turbine is the 34.2 m single turbine (classified as medium sized in the SLCA) at Carsegownie approximately 1.5 km south east. This separation distance is significantly smaller than the $3-6 \mathrm{~km}$ guideline minimum separation distance between medium sized turbines promoted in the SLCA. Given that the proposed turbine exceeds the medium turbine size categorisation (and would be categorised as medium/large), it would be reasonable to expect that the medium to medium turbine separation distance specified in the SLCA should be exceeded where the relationship would be between a medium and a medium/large turbine. It is considered that the ridgeline of Finavon Hill would provide some physical separation between these two developments, but from certain locations (particularly from the south and south west) the ridge would be a less effective barrier given that the hub height of the proposed turbine would in places project above the Finavon Hill ridge. There is another operational turbine within 6 km of the proposed turbine at Broom Farm, Tannadice but I do not consider that the relationship of that turbine relative to the proposed turbine would give rise to significant cumulative landscape impacts.

The most significant cumulative landscape effect is likely to be in relation to sequential cumulative effects upon the A90(T). There is currently extensive wind turbine development in Aberdeenshire which is prominent from the $\mathrm{A} 90(\mathrm{~T})$, just north of Angus. Similarly, there is the constructed wind farm at Arc Hill and the consented wind farms at Frwaney and Govalls in the Sidlaws. Whilst only a single turbine the proposed turbine would, by virtue of its prominent position in the landscape, increase the frequency of which wind turbines are obvious or prominent along the $\mathrm{A} 90(\mathrm{~T})$ through Angus north of the Sidlaws.

In terms of cumulative visual effects, the greatest effect is likely to be the cumulative visual impact of the proposed turbine and the above mentioned turbine at Carsegownie from locations along and around the B9134 between Forfar and Aberlemno. Combined and simultaneous views of the two turbines are likely to be experienced from stretches of this road. However the proposed turbine would likely be screened by

Finavon Hill ridge to differing extents along that route and on this basis significant cumulative impacts are unlikely to be significant.

Whilst approval of all the undetermined applications could give rise to increased cumulative landscape and visual impacts, this application on its own would not give rise to unacceptable cumulative landscape or visual impacts in respect of existing and consented turbines in the area. Any decision on this application could be taken into account when those proposals are determined.

## Amenity (Noise/Shadow Flicker/Reflected Light)

Criterion (a) of ALPR policy ER34 requires the siting and appearance of renewable energy apparatus to be chosen to minimise its impact on amenity, while respecting operational efficiency. Criterion (c) of ALPR policy ER35 indicates wind energy developments must have no unacceptable detrimental effect on residential amenity, existing land uses or road safety by reason of shadow flicker, noise or reflected light. Criterion (a) of Schedule 1 of Policy S6 indicates that the amenity of proposed and existing properties should not be affected by unreas onable restriction of sunlight, daylight or privacy; by smells or fumes; noise levels and vibration; emissions including smoke, soot, ash, dust, grit, or any other environmental pollution; or disturbance by vehicular or pedestrian traffic. Policy ER11 deals specifically with noise pollution.

PAN 1/2011: Planning and Noise indicates there are two sources of noise from wind turbines - the mechanical noise from the turbines and the aerodynamic noise from the blades. Mechanical noise is related to engineering design. Aerodynamic noise varies with rotor design and wind speed, and is generally greatest at low speeds. Good acoustical design and siting of turbines is essential to minimise the potential to generate noise. The Scottish Governments Specific Advice Sheet for onshore wind turbines confirms that proposals should be considered against 'The Assessment and Rating of Noise from Wind Farms' (ETSU-R-97).

The ER contains a noise assessment which has been reviewed by the Council's Environmental Health Service. On the basis that the two closest houses to the proposed turbine (Finavon House and Finavon Cottage) are owned occupied by partners in the business who are joint applicants for the proposed turbine, a higher noise limit could be allowed for these properties. Taking account of that, Environmental Health is satisfied that the proposal would not result in any unacceptable noise impacts on residential property subject to a number of detailed planning conditions including noise limits and a complaints investigation and resolution procedure.

Government guidance indicates that shadow flicker should not be a problem where sufficient separation distances are provided between turbines and nearby dwellings (as general rule 10 rotor diameters). The Environmental Health Service has also indicated that this matter could be mitigated by planning condition.

In terms of private water supplies, the ER states that there are no private water supplies nor any springs or wells within the study boundary. However, given the possibility that there could be private water supplies found within the area, the Environmental Health Service has requested a planning condition to ensure that mitigation measures are carried out in the event of any interruption to drinking water supplies.

## Impact on Natural Heritage

The development plan framework contains a number of policies that seek to protect important species and sites designated for their natural heritage interest and to ensure that proposals that may affect them are properly assessed. It also indicates that the Local Biodiversity Action Plans will constitute material considerations in determining development proposals. Policy ER35 specifically requires that proposals should demonstrate that there is no unacceptable interference to birds. Policy ER4 requires safeguarding of habitats protected under British and European law or other valuable habitats and species.

The 'Onshore Wind Turbines SAS' indicates wind turbine developments have the capacity to have both positive and negative effects on the wildlife, habitats, ecosystems and biodiversity of an area. There is also the potential for negative environmental effects, with possible loss of or damage to valuable habitat
resulting from construction of turbine bases, access tracks or other works. Such impacts can be significant particularly if they relate to habitats that are difficult to replicate. There is also the potential of collision risk, displacement or disturbance by forcing birds or bats to alter flight paths. Wind farms should not adversely affect the integrity of designated sites protected under EU and UK legislation (Special Protection Areas (SPAs), Special Areas of Conservation (SACs) and Sites of Special Scientific Interest (SSSIs)) or wider conservation interests. Planning guidance produced by Scottish Natural Heritage (SNH) indicates that experience suggests that many bird species and their habitats are unaffected by wind turbine developments and the impact of an appropriately designed and located wind farm on the local bird life should, in many cases, be minimal.

The ER contains an ecological assessment which is based on the findings of the Environmental Statement for the earlier 3 turbine proposal. The assessment included possible impacts on ecology, ornithology, bats, badgers, and otters. This assessment concluded that the potential for the development to adversely affect this range of ecological interests would be extremely unlikely. RSPB was consulted on the proposal and do not consider that there would be significant negative impacts on birds from the proposed single turbine. SNH was consulted for the previous 3 -turbine development and indicated no objections to that proposal in the context of impact on natural heritage. Taking this into account and the detailed findings of the earlier ES, I have no reason to consider that the single turbine would cause unacceptable impacts on natural heritage interests.

## Cultural Heritage

The development plan provides a number of policies that seek to safeguard cultural heritage. . Policy ER34 requires proposals for renewable energy development to have no unacceptable detrimental effect on any sites designated for natural heritage, scientific, historic or archaeological reasons. Impacts on cultural heritage can include impacts on Schedule Ancient Monuments (SAM's), Historic Gardens and Designed Landscapes (HGDL's), listed buildings, conservation areas and undesignated archaeology. The development could potentially have direct impacts on cultural heritage features or indirect effects such as impacts on setting.

The ER indicates that the Council expressed a level of concern relating to the indirect impact of the previous development for 3 wind turbines on the Hill of Finavon fort and Turin Hill fort, both Scheduled Ancient Monuments. The application contains photomontages to show the significant reduction in impact. These photomontages are noted and I am satisfied that any significant impacts on the setting of these SAMs including impacts on views from these SAMs has been significantly reduced, with only part of the blade of the turbine visible.

The ER also indicates that an archaeological survey was originally carried out for the previous application $n$ for three larger turbines at the site and this concluded that the proposed development would not have a direct physical or major visual adverse effect on any recorded cultural assets or their settings. The current application for a single lower turbine would result in less impact on archaeology. The Archaeology Service has indicated no objections on the understanding that a noted archaeological site near to the proposed turbine is fenced off during development. Therefore I am satisfied that no archaeological interests would be unacceptably impacted upon by the proposal.

Moving on to impacts on listed buildings, the ER has identified the nearest listed building as Carsegownie Farmhouse approximately 1.3 km to the east. However, only the blades of the turbine would be visible from the listed building and I consider that this would not be a dominant feature in the setting of this listed building. No significant impacts are anticipated on any other listed buildings.

Impacts on Historic Gardens and Designed Landscapes (HGDL) as well as Conservation Areas must also be assessed. The closest HGDL lies around 11 km north-west of the site at Cortachy. The nearest Cons ervation Area is located approximately 3.5 km to the north-west at Tannadice. At these distances, no significant impact on the setting is anticipated.

Overall I am satisfied that the proposal would not give rise to unacceptable impacts in terms of scheduled
monuments, unscheduled archaeology, historic gardens and designed landscapes, conservation areas and listed buildings.

## Remaining Issues / Other Development Plan Considerations

Policy ER35 of the Angus Local Plan Review indicates that wind farm development should not interfere with authorised aircraft activity. I have no reason to consider that the proposal would interfere with aircraft activity and note that no aviation related objection has been received from MOD, CAA, Dundee Airport or NATS.

No objections have been received from technical consultees regarding the impact of the development on any existing transmitting or receiving systems. The Roads Service has raised no objection to the proposal on the grounds of flood risk. I consider that a planning condition could be used to secure the restoration of the site.

I note the concerns raised by third parties regarding the potential impact of the development on the tourist industry. Whilst there have been a number of surveys undertaken to assess the impact of wind farm development on the tourist industry there does not appear to be definitive information on the impact of existing developments. Although I cannot discount the possibility that some visitors might be deterred from making return visits to holiday accommodation in the vicinity of the site because of the presence of the wind turbine, I find no persuasive evidence to suggest that it would have an overall adverse effect on tourism in this part of Angus.

Scottish Government policy supports the provision of renewable energy development including wind farms. The SPP confirms that planning authorities should support the development of wind farms in locations where amongst other matters the technology can operate efficiently and environmental and cumulative impacts can be satisfactorily addressed. The SPP also indicates that areas identified for wind farms should be suitable for use in perpetuity. Consents may be time-limited but wind farms should nevertheless be sited and designed to ensure impacts are minimised and to protect an acceptable level of amenity for adjacent communities. In this case I accept that the wind turbine would contribute to meeting government targets and in this regard attracts some support from national policy and from the development plan.

This application must be considered on its own merits, bowever the findings of the Reporter who assessed the planning appeal for the three 99.5 m turbines (PPA-120-2019) represents a consideration which is material to the assessment of this application. The Reporter indicated that the 3 turbine proposal on the summit of Finavon Hill would result in unacceptable landscape impacts. The proposed turbines were deemed to be out of scale with the medium scale landscape, being viewed from the A90 and certain settlements from the north-west, from various points on the B9134 and from Turin Hill. The Reporter raised concerns regarding the vertical scale of the proposed turbines and referenced SNH guidance on vertical scale. The Reporter stressed that 'skylines are of critical importance... and Finavon Hill is a distinctive landmark'. The Reporter also judged that the proposal would result in a dominating and overbearing effect on the visual amenity of a number of residential properties and the view from Turin Hill.

While the current application is for a different proposal on a different site, the applicant has drawn comparisons with that refused proposal in their supporting information. They consider that the impacts resulting from this proposal are significantly reduced from the previously refused scheme and tackle the issues identified by the Reporter. I agree that the impacts of the single turbine proposed would be reduced in comparison to the earlier proposal. In particular impacts on visual amenity of residents have been reduced. However, the issues identified by the Reporter relating to landscape impacts would remain. The vertical scale of the proposed turbine would be too great for the underlying landform reducing the perceived scale of the hill slopes; and sky-lining effects above Finavon Hill would remain. While some of the Reporter's concerns have been addressed, others have not.

## Conclusion

The matters raised both in support and objection to the application are noted. Government and Council
policy give support to wind turbines in appropriate locations. The applicant has submitted information highlighting the environmental benefits. Economic benefits associated with the further development of the shooting estate including the development of a shooting lodge would represent a very positive outcome and could help in further employment generation and tourism facilities which would be welcomed. However, these benefits must be weighed against the dis-benefits. The Council's Implementation Guide on Renewable Energy and the Strategic Landscape Capacity Study for Wind Energy in Angus seek to guide turbines to appropriate locations. They identify locations which can accommodate larger turbines as well as identifying more sensitive areas where there is only scope for smaller turbines. These documents state that turbines should not disrupt principal ridgelines (such as Finavon Hill) and the strategic study refines the guidance within the implementation guide to reflect the sensitivities of the Forfar Hills, indicating that there is no scope in this area for turbines which exceed 50 m in height. The Reporter for the planning appeal for three wind turbines in this area described Finavon Hill as 'a distinctive landmark' and I consider that the scale and position of the proposed turbine would reduce the perceived scale of this distinctive landmark. I do not consider the site selected would be capable of absorbing the proposed development to ensure that it fits into the landscape (contrary to Policy ER5(a)) and I consider that the proposed turbine would result in unacceptable adverse landscape impacts having regard to landscape character, setting within the immediate and wider landscape, and sensitive viewpoints (contrary to Policy ER34(b)).

## Human Rights Implications

The decision to refuse this application has potential implications for the applicant in terms of his entitlement to peac eful enjoyment of his possessions (First Protocol, Article 1). For the reasons referred to elsewhere in this report justifying the decision in planning terms, it is considered that any actual or apprehended infringement of such Convention Rights, is justified. Any interference with the applicant's right to peaceful enjoyment of his possessions by refusal of the present application is in compliance with the Council's legal duties to determine this planning application under the Planning Acts and such refusal constitutes a justified and proportionate control of the use of property in accordance with the general interest and is necessary in the public interest with reference to the Development Plan and other material planning considerations as referred to in the report.

## Equalities Implications

The issues contained in this report fall within an approved category that has been confirmed as exempt from an equalities perspective.

## Decision

The application is Refused

## Reason(s) for Decision:

1. That the proposal is contrary to Policy ER5(a) of the Angus Local Plan Review (2009) because the site selected would not be capable of absorbing the proposed development to ensure that it fits into the landscape; and is contrary to Policy ER34(b) of the Angus Local Plan Review (2009) because the proposed turbine would result in unacceptable adverse landscape impacts having regard to landscape character, setting within the immediate and wider landscape, and sensitive viewpoints.

## Notes:

Case Officer: Neil Duthie
Date: 5 March 2015

## Appendix 1 - Development Plan Policies

## Angus Local Plan Review 2009

Policy S1: Development Boundaries
(a) Within development boundaries proposals for new development on sites not allocated on Proposals Maps will generally be supported where they are in accordance with the relevant policies of the Local Plan.
(b) Development proposals on sites outwith development boundaries (i.e. in the countryside) will generally be supported where they are of a scale and nature appropriate to the location and where they are in accordance with the relevant policies of the Local Plan.
(c) Development proposals on sites contiguous with a development boundary will only be acceptable where there is a proven public interest and social, economic or environmental considerations confirm there is an overriding need for the development which cannot be met within the development boundary.

Policy S3 : Design Quality
A high quality of design is encouraged in all development proposals. In considering proposals the following factors will be taken into account:-

* site location and how the development fits with the local landscape character and pattern of development; * proposed site layout and the scale, massing, height, proportions and density of the development including consideration of the relationship with the existing character of the surrounding area and neighbouring buildings;
* use of materials, textures and colours that are sensitive to the surrounding area; and
* the incorporation of key views into and out of the development.

Innovative and experimental designs will be encouraged in appropriate locations.
Policy S6 : Development Principles (Schedule 1)
Proposals for development should where appropriate have regard to the relevant principles set out in Schedule 1 which includes reference to amenity considerations; roads and parking; landscaping, open space and biodiversity; drainage and flood risk, and supporting information.

## Schedule 1: Development Principles

Amenity
(a) The amenity of proposed and existing properties should not be affected by unreasonable restriction of sunlight, daylight or privacy; by smells or fumes; noise levels and vibration; emissions including smoke, soot, ash, dust, grit, or any other environmental pollution; or disturbance by vehicular or pedestrian traffic.
(b) Proposals should not result in unacceptable visual impact.
(c) Proposals close to working farms should not interfere with farming operations, and will be expected to accept the nature of the existing local environment. New houses should not be sited within 400 m of an existing or proposed intensive livestock building. (Policy ER31).

Roads/Parking/Access
(d) Access arrangements, road layouts and parking should be in accordance with Angus Council's Roads Standards, and use innovative solutions where possible, including 'Home Zones'. Provision for cycle parking/storage for flatted development will also be required.
(e) Access to housing in rural areas should not go through a farm court.
(f) Where access is proposed by unmade/private track it will be required to be made-up to standards set out in Angus Council Advice Note 17: Miscellaneous Planning Policies. If the track exceeds 200m in length, conditions may be imposed regarding widening or the provision of passing places where necessary.
(g) Development should not result in the loss of public access rights. (Policy SC36)

Landscaping / Open Space / Biodiversity
(h) Development proposals should have regard to the Landscape Character of the local area as set out in the Tayside Landscape Character Assessment (SNH 1998). (Policy ER5)
(i) Appropriate landscaping and boundary treatment should be an integral element in the design and layout of proposals and should include the retention and enhancement of existing physical features (e.g.
hedgerows, walls, trees etc) and link to the existing green space network of the local area.
(j) Development should maintain or enhance habitats of importance set out in the Tayside Local Biodiversity Action Plan and should not involve loss of trees or other important landscape features or valuable habitats and species.
(k) The planting of native hedgerows and tree species is encouraged.
(I) Open space provision in developments and the maintenance of it should be in accordance with Policy SC33.

## Drainage and Flood Risk

(m) Development sites located within areas served by public sewerage systems should be connected to that system. (Policy ER22)
(n) Surface water will not be permitted to drain to the public sewer. An appropriate system of disposal will be necessary which meets the requirements of the Scottish Environment Protection Agency (SEPA) and Angus Council and should have regard to good practice advice set out in the Sustainable Urban Drainage Systems Design Manual for Scotland and Northern Ireland 2000.
(o) Proposals will be required to consider the potential flood risk at the location. (Policy ER28)
(p) Outwith areas served by public sewerage systems, where a septic tank, bio-disc or similar system is proposed to treat foul effluent and /or drainage is to a controlled water or soakaway, the consent of SEPA and Angus Council will be required. (Policy ER23).
(q) Proposals should incorporate appropriate waste recycling, segregation and collection facilities (Policy ER38)
(r) Development should minimise waste by design and during construction.

Supporting Information
(s) Where appropriate, planning applications should be accompanied by the necessary supporting information. Early discussion with Planning and Transport is advised to determine the level of supporting information which will be required and depending on the proposal this might include any of the following: Air Quality Assessment; Archaeological Assessment; Contaminated Land Assessment; Design Statement; Drainage Impact Assessment; Environmental Statement; Flood Risk Assessment; Landscape Assessment and/or Landscaping Scheme; Noise Impact Assessment; Retail Impact Assessment; Transport Assessment.

Policy ER4 : Wider Natural Heritage and Biodiversity
The Council will not normally grant planning permission for development that would have a significant adverse impact on species or habitats protected under British or European Law, identified as a priority in UK or Local Biodiversity Action Plans or on other valuable habitats or species.

Development proposals that affect such species or habitats will be required to include evidence that an assessment of nature conservation interest has been taken into account. Where development is permitted, the retention and enhancement of natural heritage and biodiversity will be secured through appropriate planning conditions or the use of Section 75 Agreements as necessary.

## Policy ER5 : Conservation of Landscape Character

Development proposals should take account of the guidance provided by the Tayside Landscape Character Assessment and where appropriate will be considered against the following criteria:
(a) sites selected should be capable of absorbing the proposed development to ensure that it fits into the landscape;
(b) where required, landscape mitigation measures should be in character with, or enhance, the existing landscape setting;
(c) new buildings/structures should respect the pattern, scale, siting, form, design, colour and density of existing development;
(d) priority should be given to locating new development in towns, villages or building groups in preference to isolated development.

## Policy ER11 : Noise Pollution

Development which adversely affects health, the natural or built environment or general amenity as a result of an unacceptable increase in noise levels will not be permitted unless there is an overriding need which cannot be accommodated elsewhere.

Proposals for development generating unacceptable noise levels will not generally be permitted adjacent to existing or proposed noise-sensitive land uses. Proposals for new noise-sensitive development which would be subject to unacceptable levels of noise from an existing noise source or from a proposed use will not be permitted.

Policy ER16 : Development Affecting the Setting of a Listed Building
Development proposals will only be permitted where they do not adversely affect the setting of a listed building. New development should avoid building in front of important elevations, felling mature trees and breaching boundary walls.

Policy ER18 : Archaeological Sites of National Importance
Priority will be given to preserving Scheduled Ancient Monuments in situ. Developments affecting Scheduled Ancient Monuments and other nationally significant archaeol ogical sites and historic landscapes and their settings will only be permitted where it can be adequately demonstrated that either:
(a) the proposed development will not result in damage to the scheduled monument or site of national archaeological interest or the integrity of its setting; or
(b) there is overriding and proven public interest to be gained from the proposed development that outweighs the national significance attached to the preservation of the monument or archaeological importance of the site. In the case of Scheduled Ancient Monuments, the development must be in the national interest in order to outweigh the national importance attached to their preservation; and
(c) the need for the development cannot reasonably be met in other less archaeologically damaging locations or by reasonable alternative means; and
(d) the proposal has been sited and designed to minimise damage to the archaeological remains.

Where development is considered acceptable and preservation of the site in its original location is not possible, the excavation and recording of the site will be required in advance of development, at the developer's expense

Policy ER19 : Archaeological Sites of Local Importance
Where development proposals affect unscheduled sites of known or suspected archaeological interest, Angus Council will require the prospective developer to arrange for an archaeological evaluation to determine the importance of the site, its sensitivity to development and the most appropriate means for preserving or recording any archaeological information. The evaluation will be taken into account when determining whether planning permission should be granted with or without conditions or refused.

Where development is generally acceptable and preservation of archaeological features in situ is not feasible Angus Council will require through app ropriate conditions attached to planning consents or through a Section 75 Agreement, that provision is made at the developer's expense for the excavation and recording of threatened features prior to development commencing.

## Policy ER20 : Historic Landscapes and Designed Landscapes

Sites included in the "Inventory of Gardens and Designed Landscapes in Scotland", and any others that may be identified during the plan period, will be protected from development that adversely affects their character, amenity value and historic importance. Development proposals will only be permitted where it can be demonstrated that:
(a) the proposal will not significantly damage the essential characteristics of the garden and designed landscape or its setting; or
(b) there is a proven public interest, in allowing the development, which cannot be met in other less damaging locations or by reasonable alternative means.

Protection will also be given to non-inventory historic gardens, surviving features of designed landscapes, and parks of regional or local importance, including their setting.

## Policy ER30 : Agricultural Land

Proposals for development that would result in the permanent loss of prime quality agricultural land and/or have a detrimental effect on the viability of farming units will only normally be permitted where the land is allocated by this Local Plan or considered essential for implementation of the Local Plan strategy.

Policy ER34 : Renewable Energy Developments
Proposals for all forms of renewable energy developments will be supported in principle and will be assessed against the following criteria:
(a) the siting and appearance of apparatus have been chosen to minimise the impact on amenity, while respecting operational efficiency;
(b) there will be no unacceptable adverse landscape and visual impacts having regard to landscape character, setting within the immediate and wider landscape, and sensitive viewpoints;
(c) the development will have no unacceptable detrimental effect on any sites designated for natural heritage, scientific, historic or archaeological reasons;
(d) no unacceptable environmental effects of transmission lines, within and beyond the site; and
(e) access for construction and maintenance traffic can be achieved without compromising road safety or causing unacceptable permanent change to the environment and landscape, and
(f) that there will be no unacceptable impacts on the quantity or quality of groundwater or surface water resources during construction, operation and decommissioning of the energy plant.

Policy ER35: Wind Energy Developments Wind energy developments must meet the requirements of Policy ER34 and also demonstrate:
(a) the reasons for site selection;
(b) that no wind turbines will cause unacceptable interference to birds, especially those that have statutory protection and are susceptible to disturbance, displacement or collision;
(c) there is no unacceptable detrimental effect on residential amenity, existing land uses or road safety by reason of shadow flicker, noise or reflected light;
(d) that no wind turbines will interfere with authorised aircraft activity;
(e) that no electromagnetic disturbance is likely to be caused by the proposal to any existing transmitting or receiving system, or (where such disturbances may be caused) that measures will be taken to minimise or remedy any such interference;
(f) that the proposal must be capable of co-existing with other existing or permitted wind energy developments in terms of cumulative impact particularly on visual amenity and landscape, including impacts from development in neighbouring local authority areas;
(g) a realistic means of achieving the removal of any apparatus when redundant and the restoration of the site are proposed.

## TAYplan Strategic Development plan

Policy 3D : Natural and Historic Assets
Understanding and respecting the regional distinctiveness and scenic value of the TAYplan area through:-

- ensuring development likely to have a significant effect on a designated or proposed Natura 2000 sites (either alone or in combination with other sites or projects), will be subject to an appropriate assessment. Appropriate mitigation requires to be identified where necessary to ensure there will be no adverse effect on the integrity of Natura 2000 sites in accordance with Scottish Planning Policy;
- safeguarding habitats, sensitive green spaces, forestry, watercourses, wetlands, floodplains
(in-line with the water framework directive), carbon sinks, species and wildlife corridors, geo-diversity, landscapes, parks, townscapes, archaeology, historic buildings and monuments and allow development where it does not adversely impact upon or preferably enhances these assets; and,
- identifying and safeguarding parts of the undeveloped coastline along the River Tay Estuary and in Angus and North Fife, that are unsuitable for development and set out policies for their management; identifying areas at risk from flooding and sea level rise and develop policies to manage retreat and realignment, as appropriate.

Policy 6: Energy and Waste/Resource Management Infrastructure
Local Development Plans should identify areas that are suitable for different forms of renewable heat and electricity infrastructure and for waste/resource management infrastructure or criteria to support this; including, where appropriate, land for process industries (e.g. the co-location/proximity of surplus heat producers with heat users).
Local Development Plans and development proposals should ensure that all areas of search, allocated sites, routes and decisions on development proposals for energy and waste/resource management infrastructure have been justified, at a minimum, on the basis of these considerations:-

- The specific land take requirements associated with the infrastructure technology and associated statutory safety exclusion zones where appropriate;
- Waste/resource management proposals are justified against the Scottish Government's Zero Waste Plan and support the delivery of the waste/resource management hierarchy;
- Proximity of resources (e.g. woodland, wind or waste material); and to users/customers, grid connections and distribution networks for the heat, power or physical materials and waste products, where appropriate; - Anticipated effects of construction and operation on air quality, emissions, noise, odour, surface and ground water pollution, drainage, waste disposal, radar installations and flight paths, and, of nuisance impacts on of-site properties;
- Sensitivity of landscapes (informed by landscape character assessments and other work), the water environment, biodiversity, geo-diversity, habitats, tourism, recreational access and listed/scheduled buildings and structures;
- Impacts of associated new grid connections and distribution or access infrastructure;
- Cumulative impacts of the scale and massing of multiple developments, including existing infrastructure;
- Impacts upon neighbouring planning authorities (both within and outwith TAYplan); and,
- Consistency with the National Planning Framework and its Action Programme.


## DEVELOPMENT BOUNDARIES

1.29 Angus Council has defined development boundaries around settlements to protect the landscape setting of towns and villages and to prevent uncontrolled growth. The presence of a boundary does not indicate that all areas of ground within that boundary have development potential.

## Policy S1: Development Boundaries

(a) Within development boundaries proposals for new development on sites not allocated on Proposals Maps will generally be supported where they are in accordance with the relevant policies of the Local Plan.
(b) Development proposals on sites outwith development boundaries (i.e. in the countryside) will generally be supported where they are of a scale and nature appropriate to the location and where they are in accordance with the relevant policies of the Local Plan.
(c) Development proposals on sites contiguous with a development boundary will only be acceptable where there is a proven public interest and social, economic or environmental considerations confirm there is an overriding need for the development which cannot be met within the development boundary.

Development boundaries:
Generally provide a definition between built-up areas and the countryside, but may include peripheral areas of open space that are important to the setting of settlements.

Public interest: Development would have benefits for the wider community, or is justifiable in the national interest. Proposals that are solely of commercial benefit to the proposer would not comply with this policy.

Extract from Angus Local Plan Review - (Policy S3, page 12)

## DESIGN QUALITY

1.37 High quality, people-friendly surroundings are important to a successful development. New development should add to or improve the local environment and should consider the potential to use innovative, sustainable and energy efficient solutions. A well-designed development is of benefit to the wider community and also
provides opportunities to:

- create a sense of place which recognises local distinctiveness and fits in to the local area;
- create high quality development which adds to or improves the local environment and is flexible and adaptable to changing lifestyles;
- create developments which benefit local biodiversity;
- create energy efficient developments that make good use of land
- and finite resources.
1.38 Design is a material consideration in determining planning applications. In all development proposals consideration should be given to the distinctive features and character of the local area. This includes taking account of existing patterns of development, building forms and materials, existing features such as hedgerows, trees, treelines and walls and distinctive landscapes and skylines.
1.39 The preparation of a design statement to be submitted alongside a planning application is encouraged, particularly for major developments or those affecting listed buildings or conservation areas. Early contact with Planning and Transport is recommended so that the requirement for a design statement can be determined.

Designing Places - A policy statement for Scotland - cottish Executive 2001 This is the first policy statement on designing places in Scotland and marks the Scottish Executive's determination to raise standards of urban and rural development. Good design is an integral part of a confident, competitive and compassionate Scotland.
Good design is a practical means of achieving a wide range of social, economic and environmental goals, making places that will be successful and sustainable.

## PAN 68 Design Statements

 Design Statements should explain the design principles on which the development is based and illustrate the design solution.The PAN explains what a design statement is, why it is a useful tool, when it is required and how it should be prepared and presented.

The aim is to see design statements used more effectively
in the planning process and to

## Policy S3 : Design Quality

A high quality of design is encouraged in all development proposals. In considering proposals the following factors will be taken into account:

- site location and how the development fits with the local landscape character and pattern of development;
- proposed site layout and the scale, massing, height, proportions and density of the development including consideration of the relationship with the existing character of the surrounding area and neighbouring buildings;
- use of materials, textures and colours that are sensitive to
- the surrounding area; and
- the incorporation of key views into and out of the development.

Innovative and experimental designs will be encouraged in appropriate locations.

## DEVELOPMENT PRINCIPLES

1.44 The principles in Schedule 1 provide a 'checklist' of factors which should be considered where relevant to development proposals. They include amenity considerations; roads and parking; landscaping, open space and biodiversity; drainage and flood risk, and supporting information. The Local Plan includes more detailed policies relating to some principles set out. Not all development proposals will require to comply with all of the principles.

Policy S6 : Development Principles
Proposals for development should where appropriate have regard to the relevant principles set out in Schedule 1 which includes reference to amenity considerations; roads and parking; landscaping, open space and biodiversity; drainage and flood risk, and supporting information.

## Schedule 1 : Development Principles

## Amenity

a) The amenity of proposed and existing properties should not be affected by unreasonable restriction of sunlight, daylight or privacy; by smells or fumes; noise levels and vibration; emissions including smoke, soot, ash, dust, grit, or any other environmental pollution; or disturbance by vehicular or pedestrian traffic.
b) Proposals should not result in unacceptable visual impact.
c) Proposals close to working farms should not interfere with farming operations, and will be expected to accept the nature of the existing local environment. New houses should not be sited within 400 m of an existing or proposed intensive livestock building. (Policy ER31).

Roads/Parking/Access
d) Access arrangements, road layouts and parking should be in accordance with Angus Council's Roads Standards, and use innovative solutions where possible, including 'Home Zones'. Provision for cycle parking/storage for flatted development will also be required.
e) Access to housing in rural areas should not go through a farm court.
f) Where access is proposed by unmade/private track it will be required to be made-up to standards set out in Angus Council Advice Note 17: Miscellaneous Planning Policies. If the track exceeds 200 m in length, conditions may be imposed regarding widening or the provision of passing places where necessary
g) Development should not result in the loss of public access rights. (Policy SC36)

## Landscaping / Open Space / Biodiversity

h) Development proposals should have regard to the Landscape Character of the local area as set out in the Tayside Landscape Character Assessment (SNH 1998). (Policy ER5)
i) Appropriate landscaping and boundary treatment should be an integral element in the design and layout of proposals and should include the retention and enhancement of existing physical features (e.g. hedgerows, walls, trees etc) and link to the existing green space network of the local area.
j) Development should maintain or enhance habitats of importance set out in the Tayside Local Biodiversity Action Plan and should not involve loss of trees or other important landscape features or valuable habitats and species.
k) The planting of native hedgerows and tree species is encouraged.
l) Open space provision in developments and the maintenance of it should be in accordance with Policy SC33.

## Drainage and Flood Risk

m) Development sites located within areas served by public sewerage systems should be connected to that system. (Policy ER22)
n) Surface water will not be permitted to drain to the public sewer. An appropriate system of disposal will be necessary which meets the requirements of the Scottish Environment Protection Agency (SEPA) and Angus Council and should have regard to good practice advice set out in the Sustainable Urban Drainage Systems Design Manual for Scotland and Northern Ireland 2000.
o) Proposals will be required to consider the potential flood risk at the location. (Policy ER28)
p) Outwith areas served by public sewerage systems, where a septic tank, bio-disc or similar system is proposed to treat foul effluent and /or drainage is to a controlled water or soakaway, the consent of SEPA and Angus Council will be required. (Policy ER23).

## Waste Management

q) Proposals should incorporate appropriate waste recycling, segregation and collection facilities (Policy ER38).
r) Development should minimise waste by design and during construction.

## Supporting Information

s) (s) Where appropriate, planning applications should be accompanied by the necessary supporting information. Early discussion with Planning and Transport is advised to determine the level of supporting information which will be required and depending on the proposal this might include any of the following: Air Quality Assessment; Archaeological Assessment; Contaminated Land Assessment; Design Statement; Drainage Impact Assessment; Environmental Statement; Flood Risk Assessment; Landscape Assessment and/or Landscaping Scheme; Noise Impact Assessment; Retail Impact Assessment; Transport Assessment.

## Wider Natural Heritage and Biodiversity

3.9 The protection and enhancement of the natural heritage value of the wider environment beyond the confines of designated areas is necessary to promote biodiversity. Species or habitats protected under the Wildlife and Countryside Act 1981, EC Birds or Habitat Directives or identified as priorities in the UK Biodiversity Action Plan may be found outwith designated sites. Local Biodiversity Action Plans have been prepared for both Tayside and the Cairngorms with the aim of safeguarding the future of the area's habitats and species. Implementation of these LBAPs is progressing through the preparation and implementation of a series of habitat and species action plans. The Local Biodiversity Action Plans for Tayside and the Cairngorms will be material considerations in the determination of planning applications.

Policy ER4 : Wider Natural Heritage and Biodiversity
The Council will not normally grant planning permission for development that would have a significant adverse impact on species or habitats protected under British or European Law, identified as a priority in UK or Local Biodiversity Action Plans or on other valuable habitats or species.

Development proposals that affect such species or habitats will be required to include evidence that an assessment of nature conservation interest has been taken into account. Where development is permitted, the retention and enhancement of natural heritage and biodiversity will be secured through appropriate planning conditions or the use of Section 75 Agreements as necessary.

## Landscape Character

3.10 The landscape of Angus is one of its most important assets. It ranges in character from the rugged mountain scenery of the Angus Glens, through the soft rolling cultivated lowland landscape of Strathmore to the sandy bays and cliffs of the coast.
3.11 A small part of north-west Angus is statutorily designated as part of a larger National Scenic Area (NSA). The character and quality of this landscape is of national significance and special care should be taken to conserve and enhance it. Part of the upland area of Angus, including the NSA, is contained within the Cairngorms National Park which is excluded from the Angus Local Plan Review. The guidance provided by the adopted Angus Local Plan will remain in force until it is replaced by a Cairngorms National Park Local Plan prepared by the National Park Authority. The Cairngorms was made a National Park in September 2003 because it is a unique and special place that needs to be cared for - both for the wildlife and countryside it contains and for the people that live in it, manage it and visit it. It is Britain's largest national park.
3.12 In seeking to conserve the landscape character of the area it is important to assess the impact of development proposals on all parts of the landscape. To assist in this the "Tayside Landscape Character Assessment (1999)" commissioned by Scottish Natural Heritage establishes landscape character zones and key character features within the local plan area to provide a better understanding of them and thus to enable better conservation, restoration, management and enhancement. Landscape Character Zones for the Local Plan Area are shown in Figure 3.2.

## National Scenic Area:

Nationally important area of outstanding natural beauty, representing some of the best examples of Scotland's grandest landscapes particularly lochs and mountains.

National Park (Scotland) Act 2000 sets out four key aims for the park:

- To conserve and enhance the natural and cultural heritage of the area;
- To promote sustainable use of the natural resources of the area;
- To promote understanding and enjoyment (including enjoyment in the form of recreation) of the special qualities of the area by the public;
- To promote sustainable economic and social development of the area's communities.

Tayside Landscape Character Assessment 1999:
A detailed hierarchical assessment based on variations in the Tayside landscape, with a series of management and planning guidelines designed to conserve and enhance its distinctive character.

Figure 3.2 : Landscape Character Zones


| 1 a |
| :---: |
| 1 b |
| 3 |
| 5 |
| 8 |
| 10 |

Upper Highland Glens
Mid Highland Glens
Highland Summits \& Plateaux
Highland Foothills
Igneous Hills
Broad Valley Lowland

Low Moorland Hills Dipslope Farmland Coast with sand Coast with cliffs Lowland Basin
3.13 Where appropriate, development proposals will be considered in the context of the guidance provided by the Tayside Landscape Character Assessment. The assessment identifies different landscape character zones, considers their capacity to absorb change, and indicates how various types of development might best be accommodated to conserve characteristic landscape features and to strengthen and enhance landscape quality. Particular attention is focussed on the location, siting and design of development and the identification of proposals which would be detrimental to the landscape character of Angus.

## Policy ER5 : Conservation of Landscape Character

Development proposals should take account of the guidance provided by the Tayside Landscape Character Assessment and where appropriate will be considered against the following criteria:
(a) sites selected should be capable of absorbing the proposed development to ensure that it fits into the landscape;
(b) where required, landscape mitigation measures should be in character with, or enhance, the existing landscape setting;
(c) new buildings/structures should respect the pattern, scale, siting, form, design, colour and density of existing development;
(d) priority should be given to locating new development in towns, villages or building groups in preference to isolated development.

## Noise Pollution

3.20 Noise can have a significant impact on our health, quality of life and the general quality of the environment. The planning system has an important role in preventing and limiting noise pollution and the noise implications of development can be a material consideration in determining applications for planning permission adjacent to existing noise sensitive development or where new noise sensitive development is proposed.

## Policy ER11 : Noise Pollution

Development which adversely affects health, the natural or built environment or general amenity as a result of an unacceptable increase in noise levels will not be permitted unless there is an overriding need which cannot be accommodated elsewhere. Proposals for development generating unacceptable noise levels will not generally be permitted adjacent to existing or proposed noise sensitive land uses.

Proposals for new noise-sensitive development which would be subject to unacceptable levels of noise from an existing noise source or from a proposed use will not be permitted.

Planning Advice Note 56 -
Planning and Noise (1999) Noise sensitive land uses should be generally regarded as including housing, hospitals, educational establishments, offices and some livestock farms.

## LISTED BUILDINGS

3.34 The relationship of a listed building with the buildings, landscape and spaces around it is an essential part of its character. The setting of a listed building is, therefore, worth preserving and may extend to encompass land or buildings some distance away. Insensitive development can erode or destroy the character and/or setting of a listed building. Consequently planning permission will not be granted for development which adversely affects the setting of a Listed Building. Trees and landscaping, boundary walls and important elevations may be particularly sensitive to the effects of development.

## Policy ER16 : Development Affecting the Setting of a Listed Building

Development proposals will only be permitted where they do not adversely affect the setting of a listed building. New development should avoid building in front of important elevations, felling mature trees and breaching boundary walls.

## Ancient Monuments and Archaeological Sites

3.36 Angus has a rich heritage of archaeological remains ranging from crop marks and field systems through to structures such as standing stones, hill forts, castles and churches. They are evidence of the past development of society and help us to understand and interpret the landscape of today. They are a finite and nonrenewable resource to be protected and managed.
3.37 Sites considered to be of national importance are scheduled by Scottish Ministers as Ancient Monuments. There are over 200 such sites in Angus with additional sites regularly being incorporated into the List. In addition, there are other monuments of regional or local significance. All of these sites and monuments, whether scheduled or not, are fragile and irreplaceable.
3.38 The owner or occupier of a scheduled ancient monument is required to obtain consent from Historic Scotland for repairs, alterations, demolition, or any work affecting the monument. In order therefore to protect the scheduled monument any planning application that may affect it will be notified to Historic Scotland and their comments taken into account in determining development proposals.

## Policy ER18 : Archaeological Sites of National Importance

Priority will be given to preserving Scheduled Ancient Monuments in situ. Developments affecting Scheduled Ancient Monuments and other nationally significant archaeological sites and historic landscapes and their settings will only be permitted where it can be adequately demonstrated that either:
a) the proposed development will not result in damage to the scheduled monument or site of national archaeological interest or the integrity of its setting; or
b) there is overriding and proven public interest to be gained from the proposed development that outweighs the national significance attached to the preservation of the monument or archaeological importance of the site. In the case of Scheduled Ancient Monuments, the development must be in the national interest in order to outweigh the national importance attached to their preservation; and
c) the need for the development cannot reasonably be met in other less archaeologically damaging locations or by reasonable alternative means; and
d) the proposal has been sited and designed to minimise damage to the archaeological remains.
Where development is considered acceptable and preservation of the site in its original location is not possible, the excavation and recording of the site will be required in advance of development, at the developer's expense.

NPPG 5: Planning and Archaeology (1994)
Sets out the role of the planning system in protecting ancient monuments and archaeological sites and landscapes. The Government seeks to encourage the preservation of our heritage of sites and landscapes of archaeological and historic interest. The development plan system provides the policy framework for meeting the need for development along with the need for preserving archaeological resources.
PAN 42 : Archaeology - the Planning Process and Scheduled Monument Procedure (1994)
Archaeological remains offer a tangible, physical link with the past. They are a finite and nonrenewable resource containing unique information about our past and the potential for an increase in future knowledge. Such remains are part of Scotland's identity and are valuable both for their own sake and for education, leisure and tourism. The remains are often fragile and vulnerable to damage or destruction; care must therefore be taken to ensure that they are not needlessly destroyed.
Scheduled Ancient Monument (SAM):
The site of a scheduled monument and any other monument which in the opinion of the Scottish Ministers is of public interest by reason of its historic, architectural, traditional, artistic or archaeological interest.
3.39 While the best examples of valuable archaeological sites are designated of national importance there are numerous examples of historic sites in both urban and rural areas that are of local significance. There are also other sites where finds may have been made in the past but no remains are known to date.
3.40 Within the mediaeval burghs of Arbroath, Brechin, Forfar and Montrose areas of primary and secondary archaeological significance were identified through the Scottish Burgh Surveys undertaken in the late 1970s. This provides an indicator for prospective developers that where redevelopment is being proposed an archaeological assessment may be required prior to commencement of works or at least a watching brief during excavations.

Policy ER19 : Archaeological Sites of Local Importance
Where development proposals affect unscheduled sites of known or suspected archaeological interest, Angus Council will require the prospective developer to arrange for an archaeological evaluation to determine the importance of the site, its sensitivity to development and the most appropriate means for preserving or recording any archaeological information. The evaluation will be taken into account when determining whether planning permission should be granted with or without conditions or refused.

Where development is generally acceptable and preservation of archaeological features in situ is not feasible Angus Council will require through appropriate conditions attached to planning consents or through a Section 75 Agreement, that provision is made at the developer's expense for the excavation and recording of threatened features prior to development commencing.

## Historic Gardens and Designed Landscapes

3.41 There are many fine examples of estates, parks and gardens, which help to form the landscape quality of Angus. The contribution of these historic and designed landscapes to the appearance of Tayside is recognised in the Tayside Landscape Character Assessment (1999).
3.42 Angus Council will seek to protect and enhance historic gardens and designed landscapes currently included in the Inventory of Gardens and Designed Landscapes in Scotland (1989), and any others that may be identified during the plan period as well as non-inventory sites of local or regional importance. Although it is recognised that non-inventory sites make an important contribution to the character of the landscape of Angus, further research is required to determine their number and location.

Policy ER20 : Historic Gardens and Designed Landscapes
Sites included in the "Inventory of Gardens and Designed Landscapes in Scotland", and any others that may be identified during the plan period, will be protected from development that adversely affects their character, amenity value and historic importance. Development proposals will only be permitted where it can be demonstrated that:
(a) the proposal will not significantly damage the essential characteristics of the garden and designed landscape or its setting; or
(b) there is a proven public interest, in allowing the development, which cannot be met in other less damaging locations or by reasonable alternative means.

Protection will also be given to non-inventory historic gardens, surviving features of designed landscapes, and parks of regional or local importance, including their setting.

Inventory of Gardens and Designed Landscapes in Scotland(1989):
A detailed list compiled by Historic Scotland and Scottish Natural Heritage as being of architectural or historic interest. Inventory sites in Angus include: Airlie Castle Ascreavie
Brechin Castle
Cortachy Castle
Edzell Castle
Glamis Castle
Guthrie Castle
The Guynd
House of Dun
House of Pitmuies
Kinnaird Castle

## Agriculture

## Agricultural Land

3.64 Current national policy protects prime quality agricultural land from inappropriate and irreversible development. It is estimated that Angus has around $9.6 \%$ of this scarce and non-renewable national resource, predominantly located in the lowland area along Strathmore and the coastal strip between Carnoustie and Arbroath. As the Local Plan strategy seeks to accommodate development in and around the main towns, it is inevitable that some prime quality land will be required for development.

## Policy ER30 : Agricultural Land

Proposals for development that would result in the permanent loss of prime quality agricultural land and/or have a detrimental effect on the viability of farming units will only normally be permitted where the land is allocated by this Local Plan or considered essential for implementation of the Local Plan strategy.

Prime Quality Agricultural Land - Grade 1, 2 and 3.1 as defined and identified on the Macauley Land Use Research Institutes Land Capability for Agriculture maps.

## Renewable Energy

3.72 The Scottish Executive is strongly supportive of renewable energies and has set a target of 17-18\% of Scotland's electricity supply to come from renewable sources by 2010. NPPG6: Renewable Energy Developments (Revised 2000) considers a range of renewable energy technologies and encourages the provision of a positive policy framework to guide such developments. The Scottish Executive's aspiration is for renewable sources to contribute $40 \%$ of electricity production by 2020, an estimated total installed capacity of 6GW (Minister for Enterprise, July 2005). This will require major investment in commercial renewable energy production and distribution capacity throughout Scotland.
3.73 The Dundee and Angus Structure Plan acknowledges the advantages of renewable energy in principle but also recognises the potential concerns associated with development proposals in specific locations. Angus Council supports the principle of developing sources of renewable energy in appropriate locations. Large-scale developments will only be encouraged to locate in areas where both technical (e.g. distribution capacity and access roads) and environmental capacity can be demonstrated.
3.74 Developments which impinge on the Cairngorms National Park will be considered within the context of the National Park Authority's Planning Policy No1: Renewable Energy.

## Renewable Energy Sources

3.75 Offshore energy production, including wind and tidal methods, has the potential to make a significant contribution to the production of renewable energy in Scotland. Other than small-scale onshore support buildings, such developments currently fall outwith the remit of the planning system.
3.76 All renewable energy production, including from wind, water, biomass, waste incineration and sources using emissions from wastewater treatment works and landfill sites will require some processing, generating or transmission plant. Such developments, that can all contribute to reducing emissions will have an impact on the local environment and will be assessed in accordance with Policy ER34.

[^0]NPPG6: Renewable Energy Developments (Revised 2000)

The Scottish Ministers wish to see the planning system make positive provision for renewable energy whilst at the same time:

- meeting the international and national statutory obligations to protect designated areas, species, and habitats of natural heritage interest and the historic environment from inappropriate forms of development; and
- minimising the effects on local communities.

Large-scale projects which may or will require an Environmental Assessment. These are defined as hydroelectric schemes designed to produce more than 0.5 MW and wind farms of more than 2 turbines or where the hub height of any turbine or any other structure exceeds 15 m .

SNH's EIA Handbook identifies 6 types of impact which may require an assessment:

- Landscape and visual;
- Ecological;
- Earth heritage;
- Soil;
- Countryside access; and
- Marine environment.
(a) the siting and appearance of apparatus have been chosen to minimise the impact on amenity, while respecting operational efficiency;
(b) there will be no unacceptable adverse landscape and visual impacts having regard to landscape character, setting within the immediate and wider landscape, and sensitive viewpoints;
(c) the development will have no unacceptable detrimental effect on any sites designated for natural heritage, scientific, historic or archaeological reasons;
(d) no unacceptable environmental effects of transmission lines, within and beyond the site; and
(e) access for construction and maintenance traffic can be achieved without compromising road safety or causing unacceptable permanent and significant change to the environment and landscape.


## Wind Energy

3.77 Onshore wind power is likely to provide the greatest opportunity and challenge for developing renewable energy production in Angus. Wind energy developments vary in scale but, by their very nature and locational requirements, they have the potential to cause visual impact over long distances. Wind energy developments also raise a number of environmental issues and NPPG 6 advises that planning policies should guide developers to broad areas of search and to establish criteria against which to consider development proposals. In this respect, Scottish Natural Heritage Policy Statement 02/02, Strategic Locational Guidance for Onshore Wind Farms in Respect of the Natural Heritage, designates land throughout Scotland as being of high, medium or low sensitivity zones in terms of natural heritage. Locational guidance is provided to supplement the broad-brush zones.
3.78 A range of technical factors influence the potential for wind farm development in terms of location and viability. These include wind speed, access to the distribution network, consultation zones, communication masts, and proximity to radio and radar installations. Viability is essentially a matter for developers to determine although annual average wind speeds suitable for commercially viable generation have been recorded over most of Angus, other than for sheltered valley bottoms. Environmental implications will require to be assessed in conjunction with the Council, SNH and other parties as appropriate.

Strategic Locational Guidance for Onshore Windfarms in Respect of the Natural Heritage - Scottish Natural Heritage Policy Statement No 02/02

Zone 3 - high natural heritage sensitivity. Developers should be encouraged to look outwith Zone 3 for development opportunities

Zone 2 - medium natural heritage sensitivity. ...while there is often scope for wind farm development within Zone 2 it may be restricted in scale and energy output and will require both careful choice of location and care in design to avoid natural heritage impacts.

Zone 1 - ...inclusion of an area in Zone 1 does not imply absence of natural heritage interest. Good siting and design should however enable such localised interests to be respected, so that overall within Zone 1, natural heritage interests do not present a significant constraint on wind farm development

Figure 3.4 : Geographic Areas

## TLCA Designation <br> 1a Upper Highland Glens <br> 1b Mid Highland Glens <br> 3 Highland Summits \& Plateaux Highland Foothills

$\square$ 2 Lowland and Hills $\square$ 3 Coast

TLCA Designation
14a Coast with sand
14b Coast with cliffs
15 Lowland Basin
3.79 Scottish Natural Heritage published a survey of Landscape Character, the Tayside Landscape Character Assessment (TLCA), which indicates Angus divides naturally into three broad geographic areas - the Highland, Lowland and hills and the Coast. The Tayside Landscape Character Assessment provides a classification to map these areas based on their own particular landscape characteristics (Fig 3.4).

Area TLCA Classification Landscape Character

1 Highland
2 Lowland and 8, 10, 12,13 hills
3 Coast

1a, 1b, 3, 5

14a, 14b, 15

Plateaux summits, glens and complex fault line topography Fertile strath, low hills and dipslope farmland.
Sand and cliff coast and tidal basin

The impact of wind farm proposals will, in terms of landscape character, be assessed against the TLCA classifications within the wider context of the zones identified in SNH Policy Statement 02/02.
3.80 The open exposed character of the Highland summits and the Coast (Areas 1 and 3) is sensitive to the potential landscape and visual impact of large turbines. The possibility of satisfactorily accommodating turbines in parts of these areas should not be discounted although locations associated with highland summits and plateaux, the fault line topography and coast are likely to be less suitable. The capacity of the landscape to absorb wind energy development varies. In all cases, the scale layout and quality of design of turbines will be an important factor in assessing the impact on the landscape.
3.81 The Highland and Coast also have significant natural heritage value, and are classified in SNH Policy Statement 02/02 as mainly Zone 2 or 3 - medium to high sensitivity. The development of large scale wind farms in these zones is likely to be limited due to potential adverse impact on their visual character, landscape and other natural heritage interests.
3.82 The Lowland and Hills (Area 2) comprises a broad swathe extending from the Highland boundary fault to the coastal plain. Much of this area is classified in Policy Statement 02/02 as Zone 1- lowest sensitivity. Nevertheless, within this wider area there are locally important examples of higher natural heritage sensitivity such as small- scale landscapes, skylines and habitats which will influence the location of wind turbines. In all cases, as advocated by SNH, good siting and design should show respect for localised interests.
3.83 Wind farm proposals can affect residential amenity, historic and archaeological sites and settings, and other economic and social activities including tourism. The impact of wind farm developments on these interests requires careful assessment in terms of sensitivity and scale so that the significance can be determined and taken into account.
3.84 Cumulative impact occurs where wind farms/turbines are
visually interrelated e.g. more than one wind farm is visible from a single point or sequentially in views from a road or a footpath. Landscape and visual impact can be exacerbated if wind turbines come to dominate an area or feature. Such features may extend across local authority, geographic or landscape boundaries and impact assessments should take this into account. Environmental impacts can also be subject to cumulative effect - for example where a number of turbine developments adversely affect landscape character, single species or habitat type.
3.85 SNH advise that an assessment of cumulative effects associated with a specific wind farm proposal should be limited to all existing and approved developments or undetermined Section 36 or planning applications in the public domain. The Council may consider that a pre-application proposal in the public domain is a material consideration and, as such, may decide it is appropriate to include it in a cumulative assessment. Similarly, projects outwith the 30 km radius may exceptionally be regarded as material in a cumulative context.

## Policy ER35 : Wind Energy Development

Wind energy developments must meet the requirements of Policy ER34 and also demonstrate:
(a) the reasons for site selection;
(b) that no wind turbines will cause unacceptable interference to birds, especially those that have statutory protection and are susceptible to disturbance, displacement or collision;
(c) there is no unacceptable detrimental effect on residential amenity, existing land uses or road safety by reason of shadow flicker, noise or reflected light;
(d) that no wind turbines will interfere with authorised aircraft activity;
(e) that no electromagnetic disturbance is likely to be caused by the proposal to any existing transmitting or receiving system, or (where such disturbances may be caused) that measures will be taken to minimise or remedy any such interference;
(f) that the proposal must be capable of co-existing with other existing or permitted wind energy developments in terms of cumulative impact particularly on visual amenity and landscape, including impacts from development in neighbouring local authority areas;
(g) a realistic means of achieving the removal of any apparatus when redundant and the restoration of the site are proposed.

## Local Community Benefit

3.86 Where renewable energy schemes accord with policies in this local plan there may be opportunities to secure contributions from developers for community initiatives. Such contributions are not part of the planning process and as such will require to be managed through other means than obligations pursuant to Section 75 Planning Agreement. Community contributions are separate from planning gain and will not be considered as part of any planning application.

NPPG6 : Renewable Energy Developments (Revised 2000)

Large-scale projects which may or will require an Environmental Assessment. These are defined as hydroelectric schemes designed to produce more than 0.5 MW and wind farms of more than 2 turbines or where the hub height of any turbine or any other structure exceeds 15 m .


The economic recovery of the region and new development will need to be supported by appropriate infrastructure,
particularly transport infrastructure. This will also contribute to behavioural change and reducing reliance on the car and on road-based freight. Ensuring that this can be delivered will require land and routes to be protected from prejudicial development. It also requires the public and private sectors to work jointly to deliver infrastructure.

Supporting future food and resource security will require the protection of finite resources like minerals, forestry
and prime agricultural land* by management as one
consideration in the prioritisation of land release under
 belts at Perth and St. Andrews will contribute to protecting the settings and historic cores of those settlements from inappropriate development and prevent coalescence with neighbouring areas.

It is essential to grow the economy within environmental
limits and build-in resilience to climate change, natural
processes and increased risk from sea level rise. Identifying


be permitted, such as some coastal areas, Natura 2000**

important to ensure that plans for managed realignment of coast and other coastal management are devised in liaison with Scottish Natural Heritage and Marine Scotland.
 management of land and conservation of resources. This recognises that good quality development and the right type of development in the right places can lead to a series of social, economic and environmental benefits for those areas and the TAYplan region as a whole. This Plan balances these factors with the sometimes competing nature of different land uses.

This Plan safeguards for present and future generations important resources and land with potential to support the economy. It also requires us to ensure that development and growth in the economy occur in a way that does not place unacceptable burdens on environmental capacity and increase the exposure of users or inhabitants to risks. This can be achieved by directing development
 that development is fit for place (Policies 2 and 8 ); and, that some areas or assets are safeguarded for a specific range of land uses (Policy 3).
ff-shore renewable energy sector through the protection of the region's in rural areas, can be affected through redevelopment for alternative uses or by alternative uses nearby. This could hinder or even prevent the start up of businesses in the future and/or limit business operations.
Policy 3: Managing TAYplan's Assets


Energy and Waste/Resource Management Infrastructure: Ensures that energy and waste/resource management infrastructure are in the most appropriate locations.

 pue до ио!иеб!!
 to contribute towards greater regional energy self-sufficiency.

 consider waste from start to finish; becoming better at resource management. This is strongly tied into resource security and living within environmental limits. It also presents opportunities to grow the





Land use planning is only one of the regulatory requirements that

 role is for Local Development Plans. It sets out a series of locational considerations for all energy and waste/resource management infrastructure as the impacts and operations of these share similar characteristics.

This Plan ensures consistency between Local Development Plans in fulfilling Scottish Planning Policy requirements to define areas of search for renewable energy infrastructure and it applies this to a wide range of energy and waste/resource management infrastructure.

It recognises the different scales - property (eg micro-renewables or individual waste facilities), community (eg district heating and power or local waste facilities) and regional/national (eg national level schemes and waste facilities for wide areas) at which this
infrastructure can be provided and both the individual and cumulative contribution that can be made, particularly by community and
property scale infrastructure, to Scottish Government objectives for
greater decentralisation of heat and energy. -


This Plan encourages new strategic scale waste/resource
 Perth Core Areas reflecting the proximity of materials and customers for heat and other products. Modern waste/resource management infrastructure is designed
 processes. Subject to detailed site specific considerations, waste management facilities can be considered appropriate land uses within industrial and employment sites.
Changes in the law allowing surplus power to be sold back to the national grid and other incentives could stimulate interest from local authorities, businesses, householders, community land trusts and other groups to obtain loans for energy infrastructure to enable development to meet local or individual needs in future. Similarly the price of materials in the global market place may continue to stimulate business interests in resource recovery. Many of the region's existing waste management facilities have
 identified before 2024 and successful implementation of the Scottish Government's Zero Waste Plan and expansion of other treatment facilities could extend this to and beyond 2032.
Policy 6: Energy and Waste/Resource Management Infrastructure


## Transport Scotland

## Trunk Road and Bus Operations (TRBO) Network Operations - Development Management

Response On Development Affecting Trunk Roads and Special Roads<br>The Town and Country Planning (Scotland) Act 1997<br>The Town and Country Planning (Development Management Procedure)<br>(Scotland) Regulations 2008 S.I. 2008 No 432 (S.25)

Town and Country Planning (Notification of Applications) (Scotland) Direction 2009

| To Angus Council |  |  |
| :--- | :--- | :--- |
| Communities, Planning, County Buildings, Market Street, | Council Reference:- | $14 / 00827 / F U L L$ |
| Forfar, DD8 3LG |  |  |
|  |  |  |

Application made by Mr J Sanderson (Finavon Hill Estate) and Kilmac Co per Green Cat Renewables Ltd, Graham Donnachie Stobo House Midlothian Innovation Centre Roslin EH25 9RE and received by Transport Scotland on 28 November 2014 for planning permission for erection of a wind turbine of 40 metres to hub height and 67 m to blade tip and ancillary development located at Field 450M South Of Finavon House Finavon Forfar affecting the A90 Trunk Road.

## Director, Trunk Roads Network Management Advice

1. The Director does not propose to advise against the granting of permission
2. The Director advises that planning permission be refused (see overleaf for reasons).
3. The Director advises that the conditions shown overleaf be attached to any permission the council may give (see overleaf for reasons).

In issuing planning permission the applicant should be informed that the consent does not carry with it the right to carry out works within the trunk road boundary (see overleaf for details of any works to be carried out within the trunk road boundary) and that permission must be granted by Transport Scotland, Trunk Road and Bus Operations. To obtain permission contact the Route Manager through the general contact number below. The Operating Company have responsibility for co-ordination and supervision of works and after permission has been granted it is the developer's contractor's responsibility to liaise with the Operating Company during the construction period to ensure all necessary permissions are obtained.

TS Contact:-

Operating Company:-
Address:-
Telephone Number:-
e-mail address:-

Route Manager (A90)
01412727100
Network North, Buchanan House, 58 Port Dundas Road, Glasgow, G4 OHF
BEAR
Bear House, Inveralmond Road, Inveralmond Industrial Estate, PERTH, PH1 3TW
01738448600
NEplanningapplications@bearscotland.co.uk

Trunk road modification works shall, in all respects, comply with the Design Manual for Roads and Bridges and the Specification for Highway Works published by HMSO. The developer shall issue a certificate to that effect, signed by the design organisation.

Trunk road modifications shall, in all respects, be designed and constructed to arrangements that comply with the Disability Discrimination Act: Good Practice Guide for Roads published by Transport Scotland. The developer shall provide written confirmation of this, signed by the design organisation.

CONDITIONS to be attached to any permission the council may give:-

| 2 | The proposed route for any abnormal loads on the trunk road network must be approved by the trunk roads authorityprior to the movement of any abnormal load. Any accomodation measures required including the removal of street furniture, junction widening, traffic management must similarly be approved. <br> Any additional signing or temporary traffic control measures deemed necessary due to the size or length of loads being delivered must be undertaken by a recognised Quality Assured traffic management consultant, to be approved by the trunk road authority before delivery commences. |
| :---: | :---: |
|  | REASON(S) for Conditions (numbered as above):- |
| 1 1 2 | To maintain safety for both the trunk road traffic and the traffic moving to and from the development <br> To ensure that the transportation of abnormal loads will not have any detrimental effect on the trunk road network <br> To minimise interference with the safety and free flow of the traffic on the trunk road. |

Transport Scotland Response Date:-<br>10-Dec-2014<br>Transport Scotland Contact:-<br>Fred Abercrombie<br>\section*{Transport Scotland Contact Details:-}<br>Trunk Road and Bus Operations, Network Operations - Development Management<br>Buchanan House, 58 Port Dundas Road, Glasgow, G4 0HF<br>Telephone Number: 01412727382<br>e-mail: development_management@transportscotland.gsi.gov.uk

NB - Planning etc. (Scotland) Act 2006
Planning Authorities are requested to provide Transport Scotland, Trunk Road and Bus Operations, Network Operations - Development Management with a copy of the decision notice, and notify Transport Scotland, Trunk Roads Network Management Directorate if the recommended advice is not accepted.


## Memorandum

## Communities <br> (Roads)

TO:<br>PLANNING \& TRANSPORT<br>Neil Duthie, Planning Offic er, Development Sta nda rds

FROM: ROADS
Neil Young, Design Engineer, Engineering \& Design Services
YOUR REF: 14/00827/FUL
OUR REF: NY/CC/?? CF1.1
DATE: 03 November 2014

| SUBj ECT: | TOWN AND COUNIRY PLANNING (SCOTLAND) ACT1997 <br> PLANNING APPUCATION REF NO. $14 / 00827 /$ FUL <br> EREC TION OF A MND TURBINE OF 40 MEIRES TO HUB HEGGHT AND 67 MEIRES TO BLADE TIP AND ANCILLARY DEVELOPMENT. REL 450M SOUTH OF RNAVON HOUSE, RNAVON, FORFAR. <br> GRID RERERENCE NO: 349020754970 |
| :---: | :---: |

I have considered the above planning application and have the following observations with regard to the disposal of surface water within the context of Sustainable Urban Drainage Systems (SUDS) a nd flood risk to the site:

## Observations

1. The proposed turbine lies out-with the medium probability flood envelope of the Lemno Water as given on SEPA's indicative 1:200 year flood map so will not be at risk of flooding from this source.

## Rec ommendations

2. All access roads and areas of hard-standing used in construction, operation and decommissioning should be drained by suitable SUDs systems to prevent increased run off rates or pollution entering downstream receiving waters.

Conclusion
I have no objections to the above planning application.
Should you have any further queries please call me on extension 3173
Neil Young
Design Engineer (Engineering \& Design Services)
cc Walter Scott, Design Manager, Engineering \& Design Services, County Buildings;
Adrian Gwynne, Traffic Engineer, Traffic Management, County Buildings; House, Broxden Business Park Perth PH1 1RX.

## TaylorE

From:
Sent:
To:
Subject:

DuthieNG
26 January 2015 15:30
DuthieNG
RE: Erection of Wind Turbine - Finavon, Forfar - 14/00827/FULL

Neil,

## 14/00827/FUL <br> Erection of a Wind Turbine <br> Field 450m South of Finavon House, Finavon, Forfar

I refer to the additional information submitted on noise and I have the following comments to make:

Noise

The revised noise report submitted includes an assessment of the cumulative impact of the proposed turbine and the approved wind turbine at Carsegownie and I would advise that the submitted information indicates that the proposed turbine does not exceed the recognised noise limits for this type of development. I note that information submitted by the agent/applicants suggests that the occupiers of both Finavon House and Finavon Cottage will have a financial involvement in the development, however, as this appears to be a complicated case (i.e. occupiers being business partners) I would suggest that you run this past the legal department to ensure that it meets with Angus Councils definition for financial involvement

Shadow Flicker
The sha dow flicker assessment has been underta ken and has identified two properties which are predicted to experience a medium significance of shadow flicker namely Finavon House and Fina von Cottage. The assessment has identified under worse case conditions that the properties could be affected by shadow flicker up to 54 hours per year. I would therefore advise that it will be necessary for a scheme of mitigation to be submitted to demonstrate how this will be minimised so as to not impact on nearby sensitive properties, however, based on the submitted information I am satisfied that sha dow flic ker could be controlled by condition.

Provided the above matter on financial involvement can be confimed, I would advise that this department would not object to this a pplication subject to the following conditions:

1. The rating level of noise immissions from the combined effects of the wind turbines (including the application of any tonal penalty) when determined in accordance with the attached Guidance Notes (to this condition), shall not exceed at any property la wfully existing at the date of this planning permission
(a) the La90 dB (A) 10min at wind speeds up to $10 \mathrm{~m} / \mathrm{s}$ at 10 m height, shown in Table A. Where there is more than one property at a location the noise limits apply to all properties at that location or
(b) La90 $35 \mathrm{~dB}(\mathrm{~A}) 10 \mathrm{~min}$ at wind speeds up to $10 \mathrm{~m} / \mathrm{s}$ at 10 m height at a ny other location.

Where the occupiers of a property have a financial interest in the development, the absolute lower limit of the above noise levels may be inc rea sed to $45 \mathrm{~dB}(\mathrm{~A})$

The developer shall, prior to the commencement of the development, satisfy the planning authority that the following properties have a financial interest in the development;

1. Finavon House
2. Finavon Cottage (also known as Hillside Cottage)

Should the occupiers of these properties, at any time, no longer have a financial interest in the development then the noise levels shall revert to those referred to at 1(b) above.

For the avoidance of doubt "Financial Interest" is defined as either.-
(a) owning, or having a share in ownership, of the land on which the turbine is to be sited;
(b) leasing the land on which the turbine is sited; which lease shall be for a period exceeding 20 years; or
2. Prior to the commencement of development the make and model of the turbine selected for use in the development shall be submitted for the written approval of the Planning Authority.
3. Prior to the commencement of development; where any turbine other than the candidate turbine is to be installed, a detailed noise assessment, including where necessary a cumulative assessment taking into account any existing wind turbine developments approved prior to the date of this permission, demonstrating that the noise limits specified by this permission shall not be exceeded shall be submitted for the written approval of the Planning Authority.
4. Prior to the commencement of development; where any wind turbine is required to operate in a reduced power mode in order to comply with the noise limits specified by this permission a scheme for the mitigation of noise shall be submitted for the written approval of the Planning Authority.
5. The wind farm operator shall continuously log power production, wind speed and wind direction, all in accordance with Guidance Note 1(d). This data shall be retained for a period of not less than 24 months. The wind farm operator shall provide this information in the format set out in Guidance Note 1(e) to the Local Planning Authority on its request, within 14 days of receipt in writing of such a request.
6. No electricity shall be exported until the wind farm operator has submitted to the Local Planning Authority for written approval a list of proposed independent consultants who may undertake noise compliance measurements in accordance with this pemission. Amendments to the list of approved consultants shall be made only with the prior written a pproval of the Local Planning Authority.
7. Within 21 days from receipt of a written request from the Local Planning Authority following a complaint to it from an occupant of a dwelling alleging noise disturbance at that dwelling, the wind farm operator shall, at its expense, employ a consultant approved by the Local Planning Authority to assess the level of noise immissions from the wind farm at the complainant's property in accordance with the procedures described in the attached Guidance Notes. The written request from the Local Planning Authority shall set out at least the date, time and location that the complaint relates to and any identified atmospheric conditions, including wind direction, and include a statement as to whether, in the opinion of the Local Planning Authority, the noise giving rise to the complaint contains or is likely to contain a tonal component.
8. The assessment of the rating level of noise immissions shall be undertaken in accordance with an assessment protocol that shall previously have been submitted to and approved in writing by the Local Planning Authority. The protocol shall include the proposed measurement location identified in accordance with the Guidance Notes where measurements for compliance checking puposes shall be undertaken, whether noise giving rise to the complaint contains or is likely to contain a tonal component, and also the range of meteorological and operational conditions (which shall include the range of wind speeds, wind directions, power generation and times of day) to determine the assessment of rating level of noise immissions. The proposed range of conditions shall be those which prevailed during times when the complainant alleges there was disturbance due to noise, having regard to the written request by the Local Planning Authority to investigate a complaint, and such others as the independent consultant considers likely to result in a breach of the noise limits.
9. Where a dwelling to which a complaint is related is not listed in the tables attached to these conditions, the wind farm operator shall submit to the Local Planning Authority for written approval proposed noise limits to be adopted at the complainant's dwelling for compliance checking purposes. The proposed noise limits are to be those limits selected from the Tables specified for a listed location which the independent consultant considers as being likely to experience the most similar background noise environment to that experienced at the complainant's dwelling. The rating level of noise immissions resulting from the combined effects of the wind turbines when determined in accordance with the attached Guidance Notes shall not exceed the noise limits approved in writing by the Local Planning Authority for the complainant's dwelling.
10. The wind farm operator shall provide to the Local Planning Authority the independent consultant's assessment of the rating level of noise immissions undertaken in accordance with the Guidance Notes within 2 months of the date of the written request of the Local Planning Authority for compliance measurements to be undertaken, unless the time limit is extended in writing by the Local Planning Authority. The assessment shall include all data collected for the purposes of undertaking the compliance measurements, such data to be provided in the format set out in Guidance Note 1(e) of the Guidance Notes. The instrumentation used to undertake the measurements shall be calibrated in accordance with Guidance Note 1(a) and certificates of calibration shall be submitted to the Local Planning Authority with the independent consultant's a ssessment of the rating level of noise immissions.
11. Where a further assessment of the rating level of noise immissions from the wind farm is required pursuant to Guidance Note 4(c), the wind farm operator shall submit a copy of the further assessment within 21 days of submission of the independent consultant's assessment pursuant to condition 8 above unless the time limit has been extended in writing by the Local Planning Authority.
12. In the event that noise emissions from the wind turbine exceed the levels set by this permission, operation of the turbine shall cease until measures to reduce noise levels to comply with this permission are implemented. Should such measures fail to achieve compliance with the noise levels set by this permission the operation of the turbine shall cease until otherwise approved in writing by the planning authority.
13. Prior to the commencement of development a shadow flicker assessment shall be submitted for the written approval of the Planning Authority. The aforementioned assessment shall consider any sensitive receptors a minimum of 1 km from any proposed turbine. Where under worst case conditions any property is predicted to be affected by shadow flicker for more than 30 minutes per day or more than 30 hours per year then a

## AC6

scheme of mitigation shall be submitted for the written approval of the Planning Authority. Once approved the operation of the wind farm shall take place in accordance with the said scheme unless the Planning Authority gives written consent to any variation. For the avoidance of doubt sensitive receptors includes all residential properties, hospitals, schools and office buildings.
14. That in the event of a pollution incident or intemuption to supply, caused by the wind farm development, affecting or likely to affect any private water supply, the wind farm operator shall provide an immediate temporary supply to those affected until permanent mitigation can be effected to the satisfaction of the Planning Authority. Any replacement supply shall be of a quality to meet the private water supplies (Scotland) Regulations 1992 or any other appropriate Regulation in force at the time. In any case a permanent replacement supply or mitigation measures shall be provided no later than one month after the supply is first affected.
15. Noise associated with construction operations including the movement of materials, plant and equipment shall not exceed the noise limits shown in Table B below for the times shown. At all other times noise associated with construction operations shall be inaudible at any sensitive receptor. For the avoidance of doubt sensitive receptors includes all residential properties, hospita ls, schools a nd office buildings.

Table A: Operational wind turbine noise

| Location | La90 dB (A) 10min |
| :--- | :---: |
| Howmuir | 27 |
| Hill of Finavon | 25 |
| 1 Carsegownie Farm Cottage | 26 |
| 2 Carsegownie Fam Cottage | 25 |
| Carsegownie Fa mhouse | 24 |

## Table B: Construction Noise limits

| Day | Time | Average <br> Period (t) | Noise <br> limit |
| :--- | :--- | :--- | :--- |
| Monday-Friday | $0700-0800$ | 1 hour | 55 dBA Leq |
| Monday-Friday | $0800-1800$ | 10 hour | 65 dBA Leq |
| Monday-Friday | $1800-1900$ | 1 hour | 55 dBA Leq |
| Saturday | $0700-0800$ | 1 hour | 55 dBA Leq |
| Saturday | $0800-1800$ | 10 hour | 65 dBA Leq |
| Saturday | $1800-1900$ | 1 hour | 55 dBA Leq |
| Sunday | $0800-1800$ | 10 hour | 55 dBA Leq |

## Guidance Notes for Noise Conditions

These notes are to be read with and form part of the noise condition. They further explain the condition and specify the methods to be employed in the assessment of complaints about noise immissions from the wind farm. The rating level at each integer wind speed is the a rithmetic sum of the wind farm noise level as determined from the best-fit curve described in Guidance Note 2 of these Guidance Notes and any tonal penalty applied in accordance with Guidance Note 3. Reference to EISU-R-97 refers to the publication entitled "The Assessment and Rating of Noise from Wind Farms" (1997) published by the Energy Technology Support Unit (EISU) for the Department of Trade and Industry (DT).

## Guidance Note 1

(a) Values of the LA90,10 minute noise statistic should be measured at the complainant's property, using a sound level meter of EN 60651/BS EN 60804 Type 1, or BS EN 61672 Class 1 quality (or the equivalent UK adopted standard in force at the time of the measurements) set to measure using the fast time weighted response as specified in BS EN 60651/BS EN 60804 or BS EN 61672-1 (or the equivalent UK adopted standard in force at the time of the measurements). This should be calibrated in accordance with the procedure specified in BS 4142: 1997 (or the equivalent UK adopted standard in force at the time of the measurements). Measurements shall be undertaken in such a manner to enable a tonal penalty to be applied in accordance with Guidance Note 3.
(b) The microphone should be mounted at 1.2 - 1.5 metres above ground level, fitted with a twolayer windshield or suitable equivalent approved in writing by the Local Planning Authority, and placed outside the complainant's dwelling. Measurements should be made in "free field" conditions. To achieve this, the microphone should be placed at least 3.5 metres away from the building facade or any reflecting surface except the ground at the approved measurement location. In the event that the consent of the complainant for access to his or her property to undertake compliance measurements is withheld, the wind farm operator shall submit for the written approval of the Local Planning Authority details of the proposed altemative representative measurement location prior to the commencement of measurements and the measurements shall be undertaken at the approved altemative representative measurement location.
(c) The LA90,10 minute measurements should be synchronised with measurements of the 10minute arithmetic mean wind and operational data logged in accordance with Guidance Note 1 (d), including the power generation data from the turbine control systems of the wind farm.
(d) To enable compliance with the conditions to be evaluated, the wind farm operator shall continuously log arithmetic mean wind speed in metrespersecond and wind direction in degrees from north at hub height for each turbine and anthmetic mean power generated by each turbine, all in successive 10 -minute periods. Unless an altemative procedure is previously agreed in writing with the Planning Authority, this hub height wind speed, averaged across all operating wind turbines, shall be used as the basis for the analysis. All 10 minute arithmetic average mean wind speed data measured at hub height shall be 'standardised' to a reference height of 10 metres as described in EISU-R-97 at page 120 using a reference roughness length of 0.05 metres. It is this standardised 10 metre height wind speed data, which is correlated with the noise measurements determined as valid in accordance with Guidance Note 2, such correlation to be undertaken in the manner described in Guidance Note 2 . All 10-minute periods shall commence on the hour and in 10-minute inc rements thereafter.
(e) Data provided to the Local Planning Authority in accordance with the noise condition shall be provided in comma separated values in electronic format.
(f) A data logging rain gauge shall be installed in the course of the assessment of the levels of noise immissions. The gauge shall record over successive 10 -minute periods synchronised with the periods of data recorded in accordance with Note 1(d).

## Guidance Note 2

(a) The noise measurements shall be made so as to provide not less than 20 valid data points as defined in Guidance Note 2 (b)
(b) Valid data points are those measured in the conditions specified in the agreed written assessment protocol, but excluding any periods of rainfall measured in the vicinity of the sound level meter. Rainfall shall be assessed by use of a rain gauge that shall log the occurrence of rainfall in each 10 minute period concurent with the measurement periods set out in Guidance

## AC6

Note 1. In specifying such conditions the Local Planning Authority shall have regard to those conditions which prevailed during times when the complainant alleges there was disturbance due to noise or which are considered likely to result in a breach of the limits.
(c) Forthose data points considered valid in accordance with Guidance Note 2(b), values of the LA90,10 minute noise measurements and corresponding values of the 10 - minute wind speed, as derived from the standardised ten metre height wind speed averaged across all operating wind turbines using the procedure specified in Guidance Note 1(d), shall be plotted on an XY chart with noise level on the Y -axis and the standardised mean wind speed on the X-axis. A least squares, "best fit" curve of an order deemed appropriate by the independent consultant (but which may not be higher than a fourth order) should be fitted to the data points and define the wind farm noise level at each integer speed.

## Guidance Note 3

(a) Where, in accordance with the approved assessment protocol, noise immissions at the location or locations where compliance measurements are being undertaken contain or are likely to contain a tonal component, a tonal penalty is to be calculated and applied using the following rating procedure.
(b) For each 10 minute interval for which LA90,10 minute data have been determined as valid in accordance with Guidance Note 2 a tonal assessment shall be performed on noise immissions during 2 minutes of each 10 minute period. The 2 minute periods should be spaced at 10 minute intervals provided that unintemupted uncomupted data are available ("the standard procedure"). Where uncomupted data are not available, the first available unintemupted clean 2 minute period out of the affected overall 10 minute period shall be selected. Any such deviations from the standard procedure, as described in Section 2.1 on pages 104-109 of EISU-R-97, shall be reported.
(c) For each of the 2 minute samples the tone level above or below audibility shall be calculated by comparison with the audibility criterion given in Section 2.1 on pages 104-109 of ETSU-R-97.
(d) The tone level above audibility shall be plotted against wind speed for each of the 2 minute samples. Samples for which the tones were below the audibility criterion or no tone was identified, a value of zero audibility shall be used.
(e) A least squares "best fit" linear regression line shall then be performed to establish the average tone level above audibility for each integer wind speed derived from the value of the "best fit" line at each integer wind speed. If there is no apparent trend with wind speed then a simple arithmetic mean shall be used. This process shall be repeated for each integer wind speed for which there is an a ssessment of overall levels in Guidance Note 2.
(f) The tonal penalty is derived from the margin above audibility of the tone according to the figure below.


## Guidance Note 4

(a) If a tonal penalty is to be applied in accordance with Guidance Note 3 the rating level of the turbine noise at each wind speed is the a rithmetic sum of the measured noise level as determined from the best fit curve described in Guidance Note 2 and the penalty for tonal noise as derived in accordance with Guidance Note 3 at each integer wind speed within the range specified by the agreed written assessment protocol.
(b) If no tonal penalty is to be applied then the rating level of the turbine noise at each wind speed is equal to the measured noise level as determined from the best fit curve described in Guidance Note 2.
(c) In the event that the rating level is above the limit(s) set out in the Tables attached to the noise conditions or the noise limits for a complainant's dwelling, the independent consultant shall undertake a further assessment of the rating level to correct for background noise so that the rating level relates to wind turbine noise immission only.
(d) The wind farm operator shall ensure that all the wind turbines in the development are tumed off for such period as the independent consultant requires to undertake the further assessment. The further assessment shall be undertaken in accordance with the following steps:
(e). Repeating the steps in Guidance Note 2, with the wind farm switched off, and detemining the background noise (L3) at each integer wind speed within the range requested by the Local Planning Authority in its written request and the approved protocol.
(f) The wind farm noise (L1) at this speed shall then be calculated as follows where $L 2$ is the measured level with turbines running but without the addition of any tonal penalty:

$$
L_{1}=10 \log \left[10^{\mathrm{L}_{2} / 10}-10^{\mathrm{L}_{3} / 10}\right]
$$

( g ) The rating level shall be re-calculated by adding arithmetically the tonal penalty (if any is applied in accordance with Note 3) to the derived wind farm noise L1 at that integer wind speed.
(h) If the rating level after adjustment for background noise contribution and adjustment for tonal penalty (if required in accordance with note 3 above) at any integer wind speed lies at or below
the values set out in the Tables attached to the conditions or at or below the noise limits approved by the Local Planning Authority for a complainant's dwelling then no further action is necessary.
(i) If the rating level at any integer wind speed exceeds the values set out in the Tables attached to the conditions or the noise limits approved by the Local Planning Authority for a complainant's dwelling then the development fails to comply with the conditions.

If you have any queries please let me know
Regards

Louise Akroyd| Environmental Health Officer | Angus Counc il | Communities | Regulatory Protective \& Prevention Services| County Buildings, Market Street, Forfar, DD8 3WE, Tel: (01307) 473382

From: Graham Donnachie [mailto:graham@greencatrenewables.co.uk]
Sent: 23 January 2015 16:17
To: DuthieNG
Subject: Re: Erection of Wind Turbine - Finavon, Forfar - 14/00827/FULL

Hi Neil,
I have spoken to Derek Ross who has confirmed that Mr Brian Smith is the occupier of Finavon Cottage. Mr Brian Smith is a partner in Finavon Estate with Mr Jeff Sanderson.

The advertisement fee will be paid in due course.
Regards,
Graham

From:
Sent:
To:
Cc:
Subject:
Attachments:

Claire Herbert [Claire.Herbert@aberdeenshire.gov.uk](mailto:Claire.Herbert@aberdeenshire.gov.uk)
05 November 2014 09:59
PLNProcessing
DuthieNG
Planning consultation 14/00827/FULL - archaeology response
14-00827-FULL - Area for fencing condition shown in pink.JPG

Planning Reference: 14/00827/FULL
Case Officer Name: Neil Duthie
Proposal: Erection of a Wind Turbine of 40 metres to Hub Height and 67 m to Blade Tip and Ancillary Development
Site Address: Field 450M South Of Finavon House Finavon Forfar
Post Code:
Grid Reference: NO 49025497

Apologies for the delay in submitting my comments on this application - we have been experiencing technical issues with our database.

Thank you for consulting us on the above application, which occupies an area in close proximity to the archaeology site NO45SE0074, a cup marked stone thought to date to the prehistoric period. I can advise that in this particular instance, the following condition should be applied in order to protect this feature from accidental damage during development works:

## "Fencing Condition (PAN 2/2011)

No development shall take place until fencing has been erected in a manner to be agreed with the Planning Authority, along the line shown in pink on the approved plan (centred on NO 49045474 ); and no works shall take place within the area inside that fencing without the prior agreement of the Planning Authority.

## Reason: to protect known features of the historic environment."

No further archaeological mitigation is required, however should any finds or unrecorded features be uncovered during the development works the Archaeology Service should be informed immediately.

Should you have any comments or queries regarding the above, please do not hesitate to contact me.
Kind regards, Claire

Claire Herbert MA(Hons) MA MIFA

Archaeologist
Archaeology Service
Infrastructure Services
Aberdeenshire Council
Woodhill House
Westburn Road
Aberdeen
AB16 5GB

01224665185
07825356913


HISTORIC SCOTLANU ALBA AOSMHOR

Planning \& Transport Division
Angus Council
County Buildings
Market Street
FORFAR
DD8 3LG

Longmore House
Salisbury Place
Edinburgh
EH9 1SH
Direct Line: 01316688770
Switchboard: 01316688600
Sandra.Archer@scotland.gsi.gov.uk
Our ref: AMH/139/10
Our Case ID: 201404579
Your ref: 14/00827/FULL
03 November 2014

Dear Sirs

# Town And Country Planning (Development Management Procedure) (Scotland) Regulations 2013 <br> Erection of a Wind Turbine ( 40 metres to Hub Height and 67m to Blade Tip) and Ancillary Development, Field 450m South Of Finavon House, Finavon, Forfar 

Thank you for your consultation which we received on 21 October.
We have considered your consultation, and we consider the proposals do not raise issues of national significance such that we would object. However, we comment as follows:

## The development proposal

The proposals are for the erection of a wind turbine with a maximum height of 67 m to blade tip, and associated infrastructure.

## Historic Environment Policy Background

Government policy affirms the in situ preservation of the site and setting of scheduled monuments. Angus Council has planning policies which reflect these national policies. In addition, we note that Angus Council has also commissioned the following planning study to assist in cases such as this: Strategic Landscape Capacity Assessment for Wind Energy in Angus (March 2014)

We would expect development proposals to reflect these policies and mitigate the potential impact of the development through the design process.

## Historic Environment Assets affected

We have identified two nationally designated assets likely to be affected -
Finavon, fort NE of Hill of Finavon is a substantial later prehistoric hill fort. Oblong in shape, it measures approximately $150 \mathrm{~m} \mathrm{E}-\mathrm{W}$ by 37 m N-S within a massive wall up to 6 m thick. At some point in its history, this wall has been subjected to extreme heat, resulting in the fusion of the stone in a process known as vitrification. The fort occupies a knoll which forms part of a long hill ridge running to the north east of Forfar. It is overlooked by several neighbouring knolls to the $S$ and although intervisible with the fort at Turin Hill to the south, it appears that the Hill of Finavon fort was positioned primarily to reference the valley of the River South Esk to the north. The setting of the monument is
characterised by its location on a knoll on the ridge of the Hill of Finavon, its relationship with the fertile valley of the River South Esk to the north and its intervisibility with contemporary monuments in the surrounding area.

Turin Hill fort follows the same oblong pattern as the fort at Hill of Finavon but is substantially larger and more complex. Measuring 274 m by 122 m within a double rampart and ditch defence, the fort was subsequently overlain by a smaller fort of very similar dimensions to Hill of Finavon and three substantial circular buildings known as duns. Located on the summit of Turin Hill, the fort is intervisible with Hill of Finavon to the north, but the positioning of the duns and defences implies that the main focus of the site was the valley of the Lunan Water to the S. The setting of Turin Hill fort is characterised by its dominant hilltop location, its relationship with the Lunan Valley to the south and south east and by its relationship with the roughly contemporary defensive settlements on Hill of Finavon to the north and Rob's Reed to the south-west.

## Impact of the development on the scheduled monuments

We have considered the impact of the proposed development on the setting of this scheduled monument and reached the following conclusions: -

- The turbine will appear in views to and from the monuments, but given its location and the degree of physical separation between the development and the forts, the turbine will not challenge either monument for dominance within their settings.
- While it will be visible from both monuments, the turbine will not interrupt any known relationships between these sites or between each individual fort and potentially related sites in the vicinity.
- The turbine will not interrupt any obvious key views of the monuments from the surrounding area.


## Historic Scotland's comments

We do not object to this development proposal.
While we acknowledge an impact on the settings of the monuments, we consider that impact to be limited and localised. Consequently, we do not consider the proposed development will adversely affect the way in which these monuments are understood, appreciated and experienced to such an extent that issues of national significance are involved. However, given the proximity of the turbine to a number of nationally important historic sites, we would wish to be re-consulted on any amendments to the proposed scheme, such as an increase in size or number of turbines, or a change in location.

If you require any further information, please contact me.
Yours faithfully

DEIRDRE CAMERON<br>Senior Heritage Management Officer, East

| From: | Weston, Jenny [Jenny.Weston@rspb.org.uk](mailto:Jenny.Weston@rspb.org.uk) |
| :--- | :--- |
| Sent: | 30 October 2014 17:07 |
| To: | PLNProcessing |
| Subject: | Finavon House, Finavon, Forfar APP/14/00827 |

I have now been able to examine the relevant ecological chapters of the planning application and have specific no comments on this application. We do not feel that significantly negative impacts on birds are likely to occur if this proposal is consented. However, there are several proposals for similar sized turbines in this general area, in addition to the already operational turbines in the wider landscape. Post construction monitoring linked to some form of cumulative impact assessment would in turn better inform our responses to such proposals. SNH have produced guidance on assessing the cumulative impact on birds, which can be found at:
http://www.snh.gov.uk/docs/A675503.pdf.

RSPB would encourage the council to consider the general comments above regarding assessing potential cumulative impact on birds.

Regards

Jenny Weston

## Conservation Officer

RSPB Scotland

RSPB Scotland is part of the RSPB which speaks out for birds and wildlife, tackling the problems that threaten our environment. Nature is amazing - help us keep it that way.

The Royal Society for the Protection of Birds (RSPB) is a registered charity: England and Wales no. 207076, Scotland no. SC037654.

From:MooreDJ
Sent:24 Oct 2014 09:42:33 +0100
To:DuthieNG
Subject:FW: Your Ref: 14/00827/FULL (Our Ref: SG20076)

Neil for you.

Da vid Moore Cleric al Officer Planning And Transport County Build ings Ma rket Street Forfar DD8 3LG TEL 01307473308 E Mail mooredj@angus.gov.uk

From: ALLEN, Sarah J [mailto:Sarah.ALLEN@nats.co.uk] On Behalf Of NATS Safeguarding
Sent: 24 October 2014 09:04
To: PLNProcessing
Subject: Your Ref: 14/00827/FULL (Our Ref: SG20076)

The proposed development has been examined from a technical safeguarding aspect and does not conflict with our safeguarding criteria. Accordingly, NATS (En Route) Public Limited Company ("NERL") has no safeguarding objection to the proposal.

However, please be aware that this response applies specifically to the above consultation and only reflects the position of NATS (that is responsible for the management of en route air traffic) based on the information supplied at the time of this application. This letter does not provide any indication of the position of any other party, whether they be an airport, airspace user or otherwise. It remains your responsibility to ensure that all the appropriate consultees are properly consulted.

If any changes are proposed to the information supplied to NATS in regard to this application which become thebasis of a revised, amended or further application for approval, then as a statutory consultee NERL requires that it be further consulted on any such changes prior to any planning permission or any consent being granted.

Yours faithfully,

Sarah Allen

Technical Administrator

On behalf of NERL Safeguarding Office

If you are not the intended recipient, please notify our Help Desk at Email Information. Solutions@nats.co.uk immediately. You should not copy or use this email or attachment(s) for any purpose nor disclose their contents to any other person.

NATS computer systems may be monitored and communications carried on them recorded, to secure the effective operation of the system.

Please note that neither NATS nor the sender accepts any responsibility forviruses or any losses caused as a result of viruses and it is your responsibility to scan or otherwise check this email and any attachments.

NATS means NATS (En Route) plc (company number: 4129273), NATS (Services) Ltd (company number 4129270), NATSNAV Ltd (company number: 4164590) or NATS Ltd(company number 3155567) or NATS Holdings Ltd (company number 4138218). All companies are registered in England and their registered office is at 4000 Parkway, Whiteley, Fareham, Hampshire, PO15 7FL.

From:
Sent:
To:
Subject:

Windfarms [Windfarms.Windfarms@caa.co.uk](mailto:Windfarms.Windfarms@caa.co.uk)
22 October 2014 15:23
CaneyV
RE: Consultation for Field 450M South Of Finavon House Finavon Forfar

For the attention of Victoria Caney.

## Request for Comment under the Town and Country Planning Act 1990 and the Town and Country Planning (Scotland) Act 1997

There is currently a high demand for CAA comment on wind turbine applications which exceeds the capacity of the available resource to respond to requests within the timescales required by Local Planning Authorities. The CAA has no responsibilities for safeguarding sites other than its own property, and a consultation by a Council is taken as a request for clarification of procedural matters. Councils are reminded of their obligations to consult in accordance with ODPM/DfT Circular 1/2003 or Scottish Government Circular 2/2003, and in particular to consult with NATS and the Ministry of Defence as well as any aerodromes listed in Annex 3 of the above documents, taking note of appropriate guidance and policy documentation. Should the Council be minded to grant consent to an application despite an objection from one of the bodies listed in the circular, then the requisite notifications should be made.

Whilst the CAA recommends all aerodrome operators/license holders develop associated safeguarding maps and lodge such maps with local planning authorities, the CAA additionally encourages councils/planning authorities to undertake relevant consultation with known local aerodromes regardless of status or the existence of any aerodrome/council safeguarding agreement, including local emergency service Air Support Units (e.g. Police Helicopter or Air Ambulance).

There is an international civil aviation requirement for all structures of 300 feet ( 91.4 metres) ${ }^{*}$ or more to be charted on aeronautical charts. However, on behalf of other non-regulatory aviation stakeholders, in the interest of Aviation Safety, the CAA requests that any feature/structure 70 feet in height, or greater, above ground level is notified to the Defence Geographic Centre ICGDGC-ProdAISAFDb@mod.uk, including the location(s), height(s)* and lighting status of the feature/structure, the estimated and actual dates of construction and the maximum height of any construction equipment to be used, at least 6 weeks prior to the start of construction, to allow for the appropriate notification to the relevant aviation communities.

Any structure of 150 metres* or more must be lit in accordance with the Air Navigation Order and should be appropriately marked. Although if an aviation stakeholder (including the MOD) made a request for lighting it is highly likely that the CAA would support such a request, particularly if the request falls under Section 47 of the Aviation Act.

Cumulative effects of turbines may lead to unacceptable impacts in certain geographic areas.
The Ministry of Defence will advise on all matters affecting military aviation.
Should the Council still have a specific query about a particular aspect of this application the CAA will help in the clarification of aviation matters and regulatory requirements. Site operators remain responsible for providing expert testimony as to any impact on their operations and the lack of a statement of objection or support from the CAA should not be taken to mean that there are no aviation issues, or that a comment from an operator lacks weight.

Guidance relating to the impact of wind turbines upon aviation can be found at
http://www.caa.co.uk/docs/33/Cap764.pdf. More generic comment relating to the CAA involvement in the planning process is described at http://www.caa.co.uk/docs/33/DAP GuidanceOnCAAPlanningConsultationRequirements.pdf.

Yours Faithfully

[^1]Surveillance and Spectrum Management Safety and Airspace Regulation Group Civil Aviation Authority
45-59 Kingsway London WC2B 6TE Tel: 02074536534 Fax: 02074536565
mark.deakin@caa.co.uk

| From: | Safeguarding |
| :--- | :--- |
| To: | PLNProcessing |
| Cc: | Anne Phillips |
| Subject: | 14/00827/FULL - Wind Turbine, Finavon, Forfar |
| Date: | 30 October 2014 15:02:56 |

## NO OBJECTION - HIAL

## Your Ref: 14/00827/FULL

Dear Sir/Madam

PROPOSAL: Erection of a wind turbine of 40 m to hub height and 67 m to blade tip and ancillary development
LOCATION: Field 450m South of Finavon House, Finavon, Forfar

With reference to the above proposed development, it is confirmed that our calculations show that, at the given position and height, this development would not infringe the safeguarding surfaces for Dundee Airport.

Therefore, Highlands and Islands Airports Limited would have no objections to the proposal.

Kind regards

Kirsteen

## Safeguarding Team

on behalf of Dundee Airport Limited
c/o Highlands and Islands Airports Limited
Head Office, Inverness Airport, Inverness IV2 7JB
成 01667464244 (DIRECT DIAL)
safeguarding@hial.co.uk www.hial.co.uk

This email has been scanned for email related threats and delivered safely by Mimecast. For more information please visit http://www.mimecast.com
From:
Sent:
To:
Subject:

Dear Sir/Madam,

Planning Ref: 14/00827/FUL
Name/Location: Finavon House
Turbine at NGR/IGR: 349016754967
Hub Height: 40m Rotor Radius: 27m
(defaults used if not specified on application)

Cleared with respect to radio link infrastructure operated by:-
Local Electric ity Utility and Scotia Gas Networks

J RC a nalyses proposals for wind farms etc. on behalf of the UK Fuel \& Power Industry and the Wa ter Industry in north-west England. This is to assess their potential to interfere with radio systems operated by utility companies in support of their regulatory operational requirements.

In the case of this proposed wind energy development, JRC does not foresee any potential problems based on known interference scenarios and the data you have provided. However, if a ny details of the wind farm change, particularly the disposition or scale of any turbine(s), it will be necessary to re-evaluate the proposal.

In making this judgement, J RC has used its best endeavours with the available data, although we recognise that there may be effects which are as yet unknown or inadequately predicted.J RC cannot therefore be held liable if subsequently problems arise that we have not predicted.

It should be noted that this clearance pertainsonly to the date of its issue. As the use of the spectrum is dynamic, the use of the band is changing on an ongoing basis and consequently, developers are advised to seek re-coordination prior to considering any design changes.

Regards
Keith Brogden

Wind Farm Team
The J oint Radio Company Limited
Dean Bradley House,
52 Horsefemy Road,
LONDON SW1P 2AF
United Kingdom
DDI: +44 2077065197
TEL: +44 2077065199
Skype: keithb_jrc
<windfa ms@jrc.co.uk>

## NOTICE:

This e-mail is strictly confidential and is intended for the use of the addressee only.The contents shall not be disclosed to any third party without permission of the JRC.

JRC Ltd. is a Joint Venture between the Energy Networks Association (on behalf of the UK Energy Industries) and National Grid.
Registered in England \& Wales: 2990041
[http://www.jrc.co.uk/about](http://www.jrc.co.uk/about)

| From: | CaneyV on behalf of PLNProcessing |
| :--- | :--- |
| Sent: | 10 December $201412: 42$ |
| To: | CaneyV |
| Subject: | FW: 14/00827/FULL - Finavon House, Angus - Wind Turbine Proposal |

Veronica Caney
Clerical Officer (Development Control)
Angus Council
Planning Department
County Buildings,
Market Street,
Forfar.
DD8 3LG
Tel : 01307473242
-----Original Message-----
From: Windfarms [mailto:windfarms.team@jrc.co.uk]
Sent: 10 December 2014 10:40
To: PLNProcessing
Subject: 14/00827/FULL - Finavon House, Angus - Wind Turbine Proposal
Dear Mr Duthie,

Planning Ref: 14/00827/FULL
Name/Location: Finavon House, Angus
Turbine at NGR: NJ 4902054970
Hub Height: 40m Rotor Radius: 27m
This proposal cleared with respect to radio link infrastructure operated by:
The local utility and Scotia Gas Networks
JRC analyses proposals for wind farms on behalf of the UK Fuel \& Power Industry. This is to assess their potential to interfere with radio systems operated by utility companies in support of their regulatory operational requirements.

In the case of this proposed wind energy development, JRC does not foresee any potential problems based on known interference scenarios and the data you have provided. However,if any details of the wind farm change, particularly the disposition or scale of any turbine(s), it will be necessary to re-evaluate the proposal.

In making this judgement, JRC has used its best endeavours with the available data, although we recognise that there may be effects which are as yet unknown or inadequately predicted. JRC cannot therefore be held liable if subsequently problems arise that we have not predicted.

It should be noted that this clearance pertains only to the date of its issue. As the use of the spectrum is dynamic, the use of the band is changing on an ongoing basis and consequently, developers are advised to seek re-coordination prior to considering any design changes.

Regards
Alessandra Lees BSc (Hons) MSc
Wind Farm Team
The Joint Radio Company Limited

## AC13

Dean Bradley House,
52 Horseferry Road,
LONDON SW1P 2AF
United Kingdom
Office: 02077065196
JRC Ltd. is a Joint Venture between the Energy Networks Association (on behalf of the UK Energy Industries) and National Grid. Registered in England \& Wales: 2990041
[http://www.jrc.co.uk/about](http://www.jrc.co.uk/about)

From:ClarkPR
Sent:23 Oct 2014 15:59:01 +0100
To:PLNProcessing
Cc:DuthieNG
Subject:Consultation response - 14/00827/full

I refer to your consultation request regarding planning application 14/00827/full - field 450m south of Finavon House.

The access track from public road leading to the south west of Finavon House is a claimed public right of way. Levels of public use are likely to be relatively low.

The public right of responsible access under the Land Reform (Scotland) Act 2003 applies to the remainder of the land, and it is likely that some people take recreational access over the track which forms the application site and the sections of access track indicated in grey on the plan.

Given the close proximity of the proposed turbine to one of the above tracks, clarification should be sought over whether any associated land will be closed to public access on completion of the development. The track should remain accessible to the public.

The very close proximity of the turbine to the track may be intimidating to some people, and have a detrimental impact on recreational use of the route. Existing levels of use are however likely to be relatively low, and an alternative route is available approximately 200 m to the north.

Temporary restrictions to public access within the immediate vicinity of the turbine, during the construction period, would not have a significant impact on public access provided that the alternative route to the north remains accessible.

Upgrading works and vehicular movements over the access track marked in grey should be managed in a way which avoids significant disruption to public access over these tracks.

If the application is approved I suggest that it should be a condition of planning permission that a plan is submitted for approval, prior to commencement of development, outlining how public access will be managedduring construction and on completion of development.

Paul Clark

Postal address:- Planning and Place, Communities, Angus Council, County Build ings, Market Street, FORFAR, DD8 3LG.

Office location:- William Wallace House, Forfar.
Telephone: 01307473220


## Memorandum

## Communities

(Roads)
TO: HEAD OF PLANNING \& PLACE

FROM: HEAD OF TECHNICAL \& PROPERTY SERVICES

YOUR REF:

OUR REF: GH/AG/TM TDI. 3
DATE: 27 October 2014
SUBJECT: PLANNING APPLICATION REF. NO. 14/00827/FULL - PROPOSED ERECTION OF A WIND TURBINE (67M TO TIP) AT FINAVON HILL, FINAVON FOR MR J SANDERSON

I refer to the above planning application.
The site is located on agricultural land to the south of Finavon House on the west side of the Hill of Finavon. Access to the site will be taken from the existing access leading from the Finavon Hill Road (public road).

Finavon Hill Road is a typically narrow unclassified rural road. Its carriageway is generally 4.5 metres wide between its junction with the trunk road and the access to Finavon Castle. Between the castle and the site access the carriageway narrows further, to only 3.5 metres wide.

An Environmental Report is provided as supporting documentation to the application, Section 2 of which deals briefly with turbine delivery and construction traffic issues.

The turbine components will be delivered from Aberdeen by special turbine delivery vehicles using extended trailers for the turbine blades which will be approximately 24 m in length. Since only 1 turbine is proposed the volume of these trips will be limited to 6 only. Consequently, the majority of vehicular traffic generated by the proposal will result from construction traffic.

I have considered the application in terms of the traffic likely to be generated by it, and its impact on the public road network. I have no objections to the proposed development but would recommend that any consent granted shall be subject to the following condition:

That, prior to the commencement of development, a Construction Traffic Management and Routing Plan shall be submitted for the written approval of the Planning Authority. Thereafter, the development shall be undertaken in accordance with the approved details of the plan. The Construction Traffic Management and Routing Plan shall consider arrangements for the following:
(i) agreement with the Roads Authority on the routing for abnormal loads;
(ii) the type and volume of vehicles to be utilised in the delivery to the site of construction materials and turbine components associated with the construction and erection of the wind turbines;
(iii) assessment of the suitability of the proposed routes, including bridge capacities, to accommodate the type and volume of traffic to be generated by the development. The assessment shall include details of swept path analyses and include DVD video route surveys;
(iv) any proposed accommodation works / mitigating measures affecting the public roads in order to allow for delivery loads including carriageway widening, junction alterations, associated drainage works, protection to public utilities, temporary or permanent traffic management signing, and temporary relocation or removal of other items of street furniture;
(v) the restriction of delivery traffic to agreed routes;
(vi) the timing of construction traffic to minimise impacts on local communities, particularly at school start and finish times, during refuse collection, at weekends and during community events;
(vii) a code of conduct for HGV drivers to allow for queuing traffic to pass;
(viii) liaison with the roads authority regarding winter maintenance;
(ix) contingency procedures, including names and telephone numbers of persons responsible, for dealing with vehicle breakdowns;
(x) a dust and dirt management strategy, including sheeting and wheel cleaning prior to departure from the site;
(xi) the location, design, erection and maintenance of warning/information signs for the duration of the works, at site accesses and crossovers on private haul roads or tracks used by construction traffic and pedestrians, cyclists or equestrians;
(xii) contingencies for unobstructed access for emergency services;
(xiii) co-ordination with other major commercial users of the public roads on the agreed routes in the vicinity of the site;
(xiv) traffic management, in the vicinity of temporary construction compounds;
(xv) arrangements for the monitoring, reviewing and reporting on the implementation of the approved plan; and

## AC15

(xvi) procedures for dealing with non-compliance with the approved plan.

Reason: in the interests of road safety and to ensure the free flow of traffic for the convenience of road users and to ensure that any works required to the local road network to facilitate the development are undertaken.

I trust the above comments are of assistance but should you have any further queries, please contact Adrian Gwynne on extension 3393.
p.p.

| From: | Windfarms |
| :--- | :--- |
| To: | $\underline{\text { PLNProcessing }}$ |
| Cc: | Windfarms-Radiotelemetry@scottishwater.co.uk |
| Subject: | WF 28943-14/00827/FULL - 450M South Of Finavon House Finavon Forfar - NO 49020 54970 |
| Date: | 27 October 2014 08:34:21 |

Dear Sirs,

I am responding to an email of 24 -Oct-14, regarding the above named proposed development.

The above application has now been examined in relation to UHF Radio Scanning Telemetry communications used by our Client in that region and we are happy to inform you that we have NO OBJECTION to your proposal.

Please note that this is not in relation to any Microwave Links operated by Scottish Water

Atkins Limited is responsible for providing Wind Farm/Turbine support services to the Telecommunications Association of the UK Water Industry (TAUWI).

Atkins Limited is responsible for providing Wind Farm/Turbine support services
to the Telecommunications Association of the UK Water Industry. Web: www.tauwi.co.uk
Windfarm Support

## ATKINS

The official engineering design services provider
for the London 2012 Olympic and Paralympic Games
Web: www.atkinsglobal.com/communications

[^2]Your Reference: 11815
Our Reference: DIO/SUT/43/10/1/11815

Kalie Jagpal
Assistant Safeguarding Officer
Ministry of Defence
Safeguarding - Wind Energy
Kingston Road
Sutton Coldfield
West Midlands B75 7RL
United Kingdom

Telephone [MOD]: +44 (0)121 3113674
Facsimile [MOD]: $\quad+44$ (0)121 3112218
E-mail: DIOODC-IPSSG2a2@mod.uk

Neil Duthie
Angus Council

Dear Mr Duthie

## Please quote in any correspondence: DIO/SUT/43/10/1/11815

## Site Name: Field 450M South of Finavon House

## Proposal: Erection of 1 Wind Turbine

Planning Application Number: 14/00827/FULL

## Site Address: Finavon Forfar

Thank you for consulting the Ministry of Defence (MOD) on the above Planning Application in your communication dated 21/10/2014.

I am writing to tell you that the MOD has no objection to the proposal.
The application is for 1 turbine at 67 metres to blade tip. This has been assessed using the grid references below as submitted in the planning application or in the developers' or your pro-forma.

| Turbine | 100km Square letter | Easting | Northing |
| :--- | :--- | :--- | :--- |
| 1 | NO | 49020 | 54970 |

In the interests of air safety the MOD will request that the development should be fitted with aviation safety lighting. All turbines be fitted with 25 candela omni-directional red lighting or infrared lighting with an optimised flash pattern of 60 flashes per minute of 200 ms to 500 ms duration at the highest practicable point.

The principal safeguarding concern of the MOD with respect to the development of wind turbines relates to their potential to create a physical obstruction to air traffic movements and cause interference to Air Traffic Control and Air Defence radar installations.

Defence Infrastructure Organisation Safeguarding wishes to be consulted and notified of the progression of planning applications and submissions relating to this proposal to verify that it will not adversely affect defence interests.

If planning permission is granted we would like to be advised of the following prior to commencement of construction;

- the date construction starts and ends;
- the maximum height of construction equipment;
- the latitude and longitude of every turbine.

This information is vital as it will be plotted on flying charts to make sure that military aircraft avoid this area.
If the application is altered in any way we must be consulted again as even the slightest change could unacceptably affect us.

I hope this adequately explains our position on the matter. If you require further information or would like to discuss this matter further please do not hesitate to contact me.

Further information about the effects of wind turbines on MOD interests can be obtained from the following websites:

MOD: https://www.gov.uk/mod-safeguarding

Yours sincerely

Mrs Kalie Jagpal
Assistant Safeguarding Officer - Wind Energy
Defence Infrastructure Organisation

## SAFEGUARDING SOLUTIONS TO DEFENCE NEEDS

## LeslielA

From: DuthieNG
Sent: 24 November 2014 12:22
To: LeslielA
Subject: Erection of a wind turbine of 40 metres to hub height and 67 metres to Blade tip and ancillary development, Field 450m South of Finavon House, Finavon, Forfar.

From: Scott@geddesgroup.co.uk [mailto:Scott@geddesgroup.co.uk]
Sent: 24 November 2014 11:26
To: DuthieNG
Subject: Erection of a wind turbine of 40 metres to hub height and 75 metres to Blade tip and ancillary development, Field 450 m South of Finavon House, Finavon, Forfar.

Neil,
We confirm our continued support for the above development.

Regards
scott Gormley
D Geddes (Contractors) Ltd
Mobile 07956338295
Office 01241890266
E-Mail Scott@geddesgroup.co.uk

Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings

Market Street
 24 NOV 2014 DD8 3 LG

Angus
Date: 14 th November 2014
Application Ref: 14/00827/FULL

Dear Mr Ed Taylor,
I am writing to express my unequivocal support for the Finavon Hill Estate single wind turbine application. It is such an important and exciting scheme for local business and it is vital that it goes ahead so as to safeguard existing and future jobs on the Estate. I strongly believe that the single turbines will not in any way detract from its surroundings and will not in any sense impact on my enjoyment of the area and this site is ideal for several reasons:

- It is a suitable distance from residential properties, a noise assessment has shown that residential amenity would be protected
- it is outside of protected landscape areas such as Areas of Outstanding Natural Beauty and National Parks and the Angus Glens!
- It has good wind speed even although it is not situated on the top of Finavon Hill.

Please support this wind turbine application.

Yours Sincerely,


Address:

$$
\begin{aligned}
& 3 \text { Dundaruoh Pardons } \\
& \text { Browghty Ferris } \\
& \text { Dundee } 99 y 152 \text { TI }
\end{aligned}
$$

Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings Market Street

Forfar
DD8 3LG

Date:

## $2 Q \mid 1114$

Application Ref: 14/00827/FULL

25 NOV 2014
itkN

Dear Mr Taylor,

I would like to register my support for the Finavon Hill Estate single 500 kW wind turbine. I believe that the project contains many preferable characteristics for a development of this type, including:

- The Finavon Hill Wind Turbine proposal will produce an alternative necessary form of income to safeguard the established shooting Estate which runs alongside the farming activity
- The project is Safeguards existing jobs on the Estate.
- In my opinion the Finavon Hill Wind Turbine proposal will not significantly reduce the amenity value of the area.
- I have looked at the photomontages of the wind turbines and 1 find their appearance within the landscape acceptable which gives support to the socio economic reasons supporting the project.
- Excellent opportunity for local contractors and suppliers to benefit from the project

This application for the reasons above should be supported and be granted approval.


## AC21

Date: $14 / 11 / 14$
Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings Market Street Forfar
DD 3LG
RECEDED Angus

Application Ref: 14/00827/FULL

Dear Mr Taylor,
I would like to register my support for the Finavon Hill Estate single 500kW wind turbine. I believe that the project contains many preferable characteristics for a development of this type, including:

- The Finavon Hill Wind Turbine proposal will produce an alternative necessary form of income to safeguard the established shooting Estate which runs alongside the farming activity
- The project is Safeguards existing jobs on the Estate.
- In my opinion the Finavon Hill Wind Turbine proposal will not significantly reduce the amenity value of the area.
- I have looked at the photomontages of the wind turbines and I find their appearance within the landscape acceptable which gives support to the socio economic reasons supporting the project.
- Excellent opportunity for local contractors and suppliers to benefit from the project

This application for the reasons above should be supported and be granted approval.

Yours Sincerely,


3 DUNDARROCH GARDENS
BROUGHTY FERRY
103
DUNDEE


Date:
Application Ref: 14/00827/FULL

## 26 NOV 2014

il廷)

Dear Mr Taylor,
I would like to register my support for the Finavon Hill Estate single 500kW wind turbine. I believe that the project contains many preferable characteristics for a development of this type, including:

- The revised layout of a single turbine overcomes the concerns from the previous application in respect of residential amenity and landscape character.
- The wind turbine is not located within any ecologically designated areas.
- The project is Safeguards existing jobs on the Estate.
- Excellent opportunity for local contractors and suppliers to benefit from the project.
- The potential to support new local employment and encourage further capital investment in the Estate facilities.

On the basis of the points above I would urge the Council to approve the application.
Yours Sincerely,


Mr Ed Taylor Planning Officer, Angus Council Planning Department

County Buildings
Market Street
Forfar
DD 3LG
Angus

Date:


Application Ref: 14/00827/FULL

Dear Mr Taylor,
I would like to register my support for the Finavon Hill Estate single 500 kW wind turbine. I believe that the project contains many preferable characteristics for a development of this type, including:

- The Finavon Hill Wind Turbine proposal will produce an alternative necessary form of income to safeguard the established shooting Estate which runs alongside the farming activity
- The project is Safeguards existing jobs on the Estate.
- In my opinion the Finavon Hill Wind Turbine proposal will not significantly reduce the amenity value of the area.
- I have looked at the photomontages of the wind turbines and I find their appearance within the landscape acceptable which gives support to the socio economic reasons supporting the project.
- Excellent opportunity for local contractors and suppliers to benefit from the project

This application for the reasons above should be supported and be granted approval.

Yours Sincerely,


Address:

$$
\begin{aligned}
& \text { 22 TRAVEGANK GAREAS } \\
& \text { NONIAET } \\
& \text { DUNDEE } \\
& \text { DDS 4107. }
\end{aligned}
$$

Mr Ed Taylor Planning Officer, Angus Council Planning Department<br>County Buildings<br>Market Street<br>Forfar<br>DD 3LG<br>Angus

Date:
Application Ref: 14/00827/FULL

Dear Mr Taylor,
I would like to register my support for the Finavon Hill Estate single 500 kW wind turbine. I believe that the project contains many preferable characteristics for a development of this type, including:

- The Finavon Hill Wind Turbine proposal will produce an alternative necessary form of income to safeguard the established shooting Estate which runs alongside the farming activity
- The project is Safeguards existing jobs on the Estate.
- In my opinion the Finavon Hill Wind Turbine proposal will not significantly reduce the amenity value of the area.
- I have looked at the photomontages of the wind turbines and I find their appearance within the landscape acceptable which gives support to the socio economic reasons supporting the project.
- Excellent opportunity for local contractors and suppliers to benefit from the project

This application for the reasons above should be supported and be granted approval.

Yours Sincerely,


Address:-


5 ALEXaNDRA PLACE
ARBSUATIT
Angus is"
2 BC

Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings<br>Market Street<br>Forfar<br>DD 3LG<br>Angus

Date:
Application Ref: 14/00827/FULL

Dear Mr Taylor,
I would like to register my support for the Finavon Hill Estate single 500kW wind turbine. I believe that the project contains many preferable characteristics for a development of this type, including:

- The Finavon Hill Wind Turbine proposal will produce an alternative necessary form of income to safeguard the established shooting Estate which runs alongside the farming activity
- The project is Safeguards existing jobs on the Estate.
- In my opinion the Finavon Hill Wind Turbine proposal will not significantly reduce the amenity value of the area.
- I have looked at the photomontages of the wind turbines and I find their appearance within the landscape acceptable which gives support to the socio economic reasons supporting the project.
- Excellent opportunity for local contractors and suppliers to benefit from the project

This application for the reasons above should be supported and be granted approval.

Yours Sincerely,


Address:-
 flare
Mubroath
Angus $\Delta D \| 2 B Q$

Mr Ed Taylor Planning Officer， Angus Council Planning Department County Buildings<br>Market Street<br>Forfar<br>DD8 3LG<br>Angus

Date：
$29 / 11 / 14$
Application Ref：14／00827／FULL

Dear Mr Taylor，

## rECEIVED

## 2－DEC 2014

1L）Kい

I would like to register my support for the Finavon Hill Estate single 500 kW wind turbine．I believe that the project contains many preferable characteristics for a development of this type，including：
－The revised layout of a single turbine overcomes the concerns from the previous application in respect of residential amenity and landscape character．
－The wind turbine is not located within any ecologically designated areas．
－The project is Safeguards existing jobs on the Estate．
－Excellent opportunity for local contractors and suppliers to benefit from the project．
－The potential to support new local employment and encourage further capital investment in the Estate facilities．

On the basis of the points above I would urge the Council to approve the application．
Yours Sincerely，


Address：

$$
\begin{aligned}
& \text { Natal He } \\
& 2 \text { Strathalure TCE } \\
& \text { LITH } \\
& \text { BLAIRGじんRIE } \\
& \text { RH\| \& DP }
\end{aligned}
$$

Mr Ed Taylor Planning Officer,
Angus Council Planning Department
County Buildings
Market Street
Forfar
Angus
DD8 3LG
Date: $26^{\text {th }}$ November 2014
Application Ref: 14/00827/FULL
Dear Mr Taylor,
I would like to register my support for this application for a single 500 kW turbine.
Finavon Hill Estate's partner in this venture, Kilmac, I am pleased to say is a local engineering company that is developing the expertise in civil engineering to roll out this concept nationally to the benefit of job creation and income to Angus.

Yours Sincerely,


Name: Alexander Wilkie
Address: 3 Kirkton Road

Airlie
By Kirriemuir
DD8 5HP

HECEIVED
3- DEC 2014
に I KW

Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings

Market Street
Forfar
Angus
DD8 3LG

Date:
Appication Ref: 14/00827/FULL

Dear Mr Taylor,
I travel on a regular basis up to Aberdeen and beyond and have seen many turbines erected on top of hills which can be seen for miles, so I fail to see how a single turbine not on top of a hill can be an issue.

The application is a joint venture of two local companies and therefore the income generated will invariably be spent locally to the benefit of Angus.
i fuliy support this application.
Yours Sincerely,

Name:
Address:


$$
\begin{gathered}
\mathscr{H E C E} \mathbb{V} E D \\
3-D E C 201 / \\
14 \mathrm{KW}
\end{gathered}
$$

Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings

Market Street
Forfar
Angus
DD8 3LG

Date: $16 . \cdots \cdots+$
Application Ref: 14/00827/FULL

Dear Mr Taylor,
I would like to register my support for this application for a single 500 kW turbine.

Finavon Hill Estate's partner in this venture, Kilmac, I am pleased to say is a local engineering company that is developing the expertise in civil engineering to roll out this concept nationally to the benefit of job creation and income to Angus.

Yours Sincerely,


カECE EVED
2- DEC 2014
に) 1 k ,

## AC30

Mr Ed Taylor Planning Officer， Angus Council Planning Department County Buildings<br>Market Street<br>Forfar<br>Angus<br>DD 3LG

Date：26－11－14
Application Ref：14／00827／FULL

Dear Mr Taylor，
I have lived in this area for many years and in that time have seen the local shop， village hall，garage and hotel close through lack of population to support these facilities．

The creation of Finavon Hill Estate has led to 8 more family homes living and spending locally，some 300 visitors each season supporting Finavon Hotel，Peggy Scots restaurant and new store．

I fully support this application because the additional income from the wind turbine will lead to the continued development of Finavon Hill Estate to the benefit of the local community and its facilities．

Yours Sincerely，

Name：Ais Huokzq 1Rzurmo
Address： 95 LobS LyEll dais
Kiplerauir
DD 8 \＆LF

3－DEC 2014
ll kw

Mr Ed Taylor Planning Officer， Angus Council Planning Department County Buildings

Market Street

Date：
Application Ref：14／00827／FULL

## $\because E C E I V E D$

2－DEC 2014
にlにい」
Dear Mr Ed Taylor，
I am writing to express my unequivocal support for the Finavon Hill Estate single wind turbine application．It is such an important and exciting scheme for local business and it is vital that it goes ahead so as to safeguard existing and future jobs on the Estate．I strongly believe that the single turbines will not in any way detract from its surroundings and will not in any sense impact on my enjoyment of the area and this site is ideal for several reasons：
－It is a suitable distance from residential properties，a noise assessment has shown that residential amenity would be protected
－It is outside of protected landscape areas such as Areas of Outstanding Natural Beauty and National Parks and the Angus Glens！
－It has good wind speed even although it is not situated on the top of Finavon Hill．

Please support this wind turbine application．

Yours Sincerely，


Address：WEST FORT，
qCyNicus PLACE
Balmunao
ST ANDREWS

Mr Ed Taylor Planning Officer， Angus Council Planning Department County Buildings

Market Street
Forfar
DD 3LG
Angus

Date：
Application Ref：14／00827／FULL
ルビCEIVED
2－DEC 2014
il IKW
Dear Mr Ed Taylor，
I am writing to express my unequivocal support for the Finavon Hill Estate single wind turbine application．It is such an important and exciting scheme for local business and it is vital that it goes ahead so as to safeguard existing and future jobs on the Estate．I strongly believe that the single turbines will not in any way detract from its surroundings and will not in any sense impact on my enjoyment of the area and this site is ideal for several reasons：
－It is a suitable distance from residential properties，a noise assessment has shown that residential amenity would be protected
－It is outside of protected landscape areas such as Areas of Outstanding Natural Beauty and National Parks and the Angus Glens！
－It has good wind speed even although it is not situated on the top of Finavon Hill．

Please support this wind turbine application．

Yours Sincerely，


Address： 202 A Flack ness $R$ d

> Dundee
> DD 2 UR I

## AC33

Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings<br>Market Street<br>Forfar<br>DD 3LG<br>Angus

Date: 29.11 .14
Application Ref: 14/00827/FULL

# ル゙CCEIVED 

2- DEC 2014 - 1 Kw

Dear Mr Taylor,

I would like to register my support for the Finavon Hill Estate single 500kW wind turbine. I believe that the project contains many preferable characteristics for a development of this type, including:

- The revised layout of a single turbine overcomes the concerns from the previous application in respect of residential amenity and landscape character.
- The wind turbine is not located within any ecologically designated areas.
- The project is Safeguards existing jobs on the Estate.
- Excellent opportunity for local contractors and suppliers to benefit from the project.
- The potential to support new local employment and encourage further capital investment in the Estate facilities.

On the basis of the points above I would urge the Council to approve the application.
Yours Sincerely,

Address:
20 Paterson Drive


PExTHSHIKE
YHIOETL

## Date: 26 th Noun. 14

## Application Ref: 14/00827/FULL

Dear Mr Taylor,
I would like to register my support for this application for a single 500 kW turbine.

Finavon Hill Estate's partner in this venture, Kilmac, I am pleased to say is a local engineering company that is developing the expertise in civil engineering to roll out this concept nationally to the benefit of job creation and income to Angus.

Yours Sincerely,

Name:
Colorer Barr

Address:

$$
\begin{aligned}
& \text { Arnisdale } \\
& \text { Woodside } \\
& \text { Kirtemuir } \\
& \text { DD\& } \angle P G
\end{aligned}
$$



Mir Ed Tayior Planning Officer， Angus Council Planning Department County Buildings

Market Street
Forfar
DD8 3LG
Angus

Date：
Application Ref：14／00827／FULL

# KECEIVED <br> 2－DEC 2014 <br> バルい 

Dear Mr Taylor，
I would like to register my support for the Finavon Hill Estate single 500 kW wind turbine．I believe that the project contains many preferable characteristics for a development of this type，including：
－The revised layout of a single turbine overcomes the concerns from the previous application in respect of residential amenity and landscape character．
－The wind turbine is not located within any ecologically designated areas．
－The project is Safeguards existing jobs on the Estate．
－Excellent opportunity for local contractors and suppliers to benefit from the project．
－The potential to support new local employment and encourage further capital investment in the Estate facilities．

On the basis of the points above I would urge the Council to approve the application．
Yours Sincerely，

Address：


##  <br> 2- DEC 2014

ル l kay

Dear Mr Ed Taylor,
I am writing to express my unequivocal support for the Finavon Hill Estate singe wind turbine application. It is such an important and exciting scheme for local business and it is vital that it goes ahead so as to safeguard existing and future jobs on the Estate. I strongly believe that the single turbine will not in any way detract from its surroundings and will not in any sense impact on my enjoyment of the area and this site is ideal for several reasons:

- It is a suitable distance from residential properties, a noise assessment has shown that residential amenity would be protected
- It is outside of protected landscape areas such as Areas of Outstanding Natural Beauty and National Parks and the Angus Glens!
- It has good wind speed even although it is not situated on the top of Finavon Hill.

Please support this wind turbine application.


Name: MKS DONNA WALKER
Address: 89 Knowehead cres Kirriemuir

0085 TH

## AC37

Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings

Market Street
Forfar

DD 3LG
Angus

## 2- DEC 2014

-     - k NW

Date:
Application Ref: 14/00827/FULL

Dear Mr Taylor,
I would like to register my support for the Finavon Hill Estate single 500 kW wind turbine. I believe that the project contains many preferable characteristics for a development of this type, including:

- The Finavon Hill Wind Turbine proposal will produce an alternative necessary form of income to safeguard the established shooting Estate which runs alongside the farming activity
- The project is Safeguards existing jobs on the Estate.
- In my opinion the Finavon Hill Wind Turbine proposal will not significantly reduce the amenity value of the area.
- I have looked at the photomontages of the wind turbines and I find their appearance within the landscape acceptable which gives support to the socio economic reasons supporting the project.
- Excellent opportunity for local contractors and suppliers to benefit from the project

This application for the reasons above should be supported and be granted approval.

Yours Sincerely,

Address:

$$
\begin{aligned}
& \text { IVES: } S \text { TRATHRRU RD } \\
& \text { DUNNER } \\
& \text { DDSiNJ. }
\end{aligned}
$$

## AC38

Mr Ed Taylor Planning Officer, Angus Council Planning Department<br>County Buildings<br>Market Street<br>Forfar<br>Angus<br>DD 3LG

Date:
Application Ref: 14/00827/FULL
Dear Mr Taylor,
I would like to register my support for the Finavon Hill Estate single 500 kW wind turbine. I believe that the project contains many preferable characteristics for a development of this type, including:

- The Finavon Hill Wind Turbine proposal will produce an alternative necessary form of income to safeguard the established shooting Estate which runs alongside the farming activity
- The project safeguards existing jobs on the Estate
- In my opinion the Finavon Hill Wind Turbine proposal will not significantly reduce the amenity value of the area.
- I have looked at the photomontages of the wind turbines and I find their appearance within the landscape acceptable which gives support to the socio economic reasons supporting the project.
- Excellent opportunity for local contractors and suppliers to benefit from the project

This application for the reasons above should be supported and be granted approval.

address: 13 Curtachy Crescent, Northmur, Kurkemule, DD 8 ht p

## AC39

Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings Market Street

Forfar
Angus
DD8 3LG

Date: 271119
Application Ref: 14/00827/FULL

Dear Mr Taylor,
I would like to register my support for this application for a single 500 kW turbine.

Finavon Hill Estate's partner in this venture, Kilmac, I am pleased to say is a local engineering company that is developing the expertise in civil engineering to roll out this concept nationally to the benefit of job creation and income to Angus.

Yours Sincerely


Name: CrAEME RicuAMDION
Address: wrinor farim KNGo-Drum
kiRnlemuran

## 6. MCSEREED

3- DEC 2014
ルlan

## AC40

rECEIVED

$$
2 \text { - DEC } 2014
$$

にlkw

Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings

Market Street
Forfar
Angus
DD 3LG

Date: $26-11-14$
Application Ref: 14/00827/FULL
Dear Mr Taylor,
I would like to register my support for the Finavon Hill Estate single 500 kW wind turbine. I believe that the project contains many preferable characteristics for a development of this type, including:

- The Finavon Hill Wind Turbine proposal will produce an alternative necessary form of income to safeguard the established shooting Estate which runs alongside the farming activity
- The project safeguards existing jobs on the Estate.
- In my opinion the Finavon Hill Wind Turbine proposal will not significantly reduce the amenity value of the area.
- I have looked at the photomontages of the wind turbines and I find their appearance within the landscape acceptable which gives support to the socio economic reasons supporting the project.
- Excellent opportunity for local contractors and suppliers to benefit from the project

This application for the reasons above should be supported and be granted approval.

Yours Sincerely,

Namely H Hinardale

Address:

$$
\begin{aligned}
& \text { 10. ST COMES C } \\
& \text { LIMRIEMUIR } \\
& \text { DOS ABR }
\end{aligned}
$$

## AC41

Mr Ed Taylor Planning Officer， Angus Council Planning Department County Buildings

Market Street
Forfar
DD 3LG
Angus

Date：
Application Ref：14／00827／FULL

ル゙ビぐらIVED
2－DEC 2014
ル｜kw

## Dear Mr Taylor，

I would like to register my support for the Finavon Hill Estate single 500 kW wind turbine．I believe that the project contains many preferable characteristics for a development of this type，including：
－The revised layout of a single turbine overcomes the concerns from the previous application in respect of residential amenity and landscape character．
－The wind turbine is not located within any ecologically designated areas．
－The project is Safeguards existing jobs on the Estate．
－Excellent opportunity for local contractors and suppliers to benefit from the project．
－The potential to support new local employment and encourage further capital investment in the Estate facilities．

On the basis of the points above I would urge the Council to approve the application．
Yours Sincerely，


Address：

$$
\begin{aligned}
& \text { に女子尼云 } \\
& \text { PEAT }
\end{aligned}
$$

Mr Ed Taylor Planning Officer， Angus Council Planning Department

County Buildings
Market Street
Forfar
DD8 3LG
Angus

Date：शalい114
Application Ref：14／00827／FULL

KECSEVEDD
2－DEC 2014
小lkw！

Dear Mr Ed Taylor，
I am writing to express my unequivocal support for the Finavon Hill Estate single wind turbine application．It is such an important and exciting scheme for local business and it is vital that it goes ahead so as to safeguard existing and future jobs on the Estate．I strongly believe that the single turbines will not in any way detract from its surroundings and will not in any sense impact on my enjoyment of the area and this site is ideal for several reasons：
－It is a suitable distance from residential properties，a noise assessment has shown that residential amenity would be protected
－It is outside of protected landscape areas such as Areas of Outstanding Natural Beauty and National Parks and the Angus Glens！
－It has good wind speed even although it is not situated on the top of Finavon Hill．

Please support this wind turbine application．

Yours Sincerely，


Address：9．Meadowulew Dr Inchture Deihshue

Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings<br>Market Street<br>Forfar<br>Angus<br>DD 3LG

Date: $24 / 11 / 14$
Application Ref: 14/00827/FULL
Dear Mr Taylor,
I would like to register my support for the Finavon Hill Estate single 500kW wind turbine. I believe that the project contains many preferable characteristics for a development of this type, including:

- The Finavon Hill Wind Turbine proposal will produce an alternative necessary form of income to safeguard the established shooting Estate which runs alongside the farming activity
- The project safeguards existing jobs on the Estate.
- In my opinion the Finavon Hill Wind Turbine proposal will not significantly reduce the amenity value of the area.
- I have looked at the photomontages of the wind turbines and I find their appearance within the landscape acceptable which gives support to the socio economic reasons supporting the project.
- Excellent opportunity for local contractors and suppliers to benefit from the project

This application for the reasons above should be supported and be granted approval.

Yours Sincerely,

Name:


2-DEC 2014 ハlkい

Address:


Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings

Market Street
Forfar
Angus
DD 3LG

Date: 28.11.14
Application Ref: 14/00827/FULL

Dear Mr Taylor,
I travel on a regular basis up to Aberdeen and beyond and have seen many turbines erected on top of hills which can be seen for miles, so I fail to see how a single turbine not on top of a hill can be an issue.

The application is a joint venture of two local companies and therefore the income generated will invariably be spent locally to the benefit of Angus.

I fully support this application.
Yours Sincerely,

Name
Address: 97 Lord Lyell Drive

$$
\begin{aligned}
& \text { Kiromenvir } \\
& \text { DD 8 4LF }
\end{aligned}
$$

RECEIVED
3-DEC 2014
Kl KW

Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings

Market Street
Forfar
Angus
DD8 3LG

## Date:

Application Ref: 14/00827/FULL

Dear Mr Taylor,
I travel on a regular basis up to Aberdeen and beyond and have seen many turbines erected on top of hills which can be seen for miles, so I fail to see how a single turbine not on top of a hill can be an issue.

The application is a joint venture of two local companies and therefore the income generated will invariably be spent locally to the benefit of Angus.

I fully support this application.
Yours Sincerely,

Name:LORNA NEAOC
Address: ia mio equi
marytons
kikriemulir.

## AC46

Mr Ed Taylor Planning Officer， Angus Council Planning Department

County Buildings
Market Street
Forfar
DD 3LG
Angus

Date：
Application Ref：14／00827／FULL

Dear Mr Taylor，
I would like to register my support for the Finavon Hill Estate single 500kW wind turbine．I believe that the project contains many preferable characteristics for a development of this type，including：
－The Finavon Hill Wind Turbine proposal will produce an alternative necessary form of income to safeguard the established shooting Estate which runs alongside the farming activity
－The project is Safeguards existing jobs on the Estate．
－In my opinion the Finavon Hill Wind Turbine proposal will not significantly reduce the amenity value of the area．
－I have looked at the photomontages of the wind turbines and I find their appearance within the landscape acceptable which gives support to the socio economic reasons supporting the project．
－Excellent opportunity for local contractors and suppliers to benefit from the project

This application for the reasons above should be supported and be granted approval．

Yours Sincerely，


Address：
rECEIVED
2－DEC 2014
ルノKし。

15 frathern Road
Brought Ferry
Dumdel

Mr Ed Taylor Planning Officer, Angus Council Planning Department

County Buildings
Market Street
Forfar

Date: 2511144
Application Ref: 14/00827/FULL

## Dear Mr Ed Taylor,

I am writing to express my unequivocal support for the Finavon Hill Estate single wind turbine application. It is such an important and exciting scheme for local business and it is vital that it goes ahead so as to safeguard existing and future jobs on the Estate. I strongly believe that the single turbine will not in any way detract from its surroundings and will not in any sense impact on my enjoyment of the area and this site is ideal for several reasons:

- It is a suitable distance from residential properties, a noise assessment has shown that residential amenity would be protected
- It is outside of protected landscape areas such as Areas of Outstanding Natural Beauty and National Parks and the Angus Glens!
- It has good wind speed even although it is not situated on the top of Finavon Hill.

Please support this wind turbine application.

$17+$ lillie


## AC48

Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings Market Street

Forfar
Angus
DD 3LG
Date:
Application Ref: 14/00827/FULL
Dear Mr Taylor,
I would like to register my support for the Finavon Hill Estate single 500 kW wind turbine. I believe that the project contains many preferable characteristics for a development of this type, including:

- The Finavon Hill Wind Turbine proposal will produce an alternative necessary form of income to safeguard the established shooting Estate which runs alongside the farming activity
- The project safeguards existing jobs on the Estate.
- In my opinion the Finavon Hill Wind Turbine proposal will not significantly reduce the amenity value of the area.
- I have looked at the photomontages of the wind turbines and I find their appearance within the landscape acceptable which gives support to the socio economic reasons supporting the project.
- Excellent opportunity for local contractors and suppliers to benefit from the project

This application for the reasons above should be supported and be granted approval.

Yours Sincerely,


Name: MarTin GibBons
Address: 13 CortachíliEscent
Nerthicer
Kimutereur

Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings

Market Street
Forfar
DD 3LG
Angus

Date:
Application Ref: 14/00827/FULL

## K゙CEEVED

2-DEC 2014
nlizw
Dear Mr Taylor,
I would like to register my support for the Finavon Hill Estate single 500 kW wind turbine. I believe that the project contains many preferable characteristics for a development of this type, including:

- The revised layout of a single turbine overcomes the concerns from the previous application in respect of residential amenity and landscape character.
- The wind turbine is not located within any ecologically designated areas.
- The project is Safeguards existing jobs on the Estate.
- Excellent opportunity for local contractors and suppliers to benefit from the project.
- The potential to support new local employment and encourage further capital investment in the Estate facilities.

On the basis of the points above I would urge the Council to approve the application.
Yours Sincerely



Mir Ed Taylor Planning Officer, Angus Council Planning Department County Buildings

Market Street
Forfar
DD8 3 LG
Angus

## Date:

Application Ref: 14/00827/FULL

## rECEIVED

## 2-DEC 2014

ル IKW

Dear Mr Taylor,
I would like to register my support for the Finavon Hill Estate single 500 kW wind turbine. I believe that the project contains many preferable characteristics for a development of this type, including:

- The revised layout of a single turbine overcomes the concerns from the previous application in respect of residential amenity and landscape character.
- The wind turbine is not located within any ecologically designated areas.
- The project is Safeguards existing jobs on the Estate.
- Excellent opportunity for local contractors and suppliers to benefit from the project.
- The potential to support new local employment and encourage further capital investment in the Estate facilities.

On the basis of the points above I would urge the Council to approve the application.


Address:


Mr Ed Taylor Planning Officer， Angus Council Planning Department County Buildings Market Street Forfar
DD 3LG
Angus

Date：
Application Ref：14／00827／FULL

$$
\begin{aligned}
& \text { K゙GC゙ERVED } \\
& \text { 2- DEC } 2014 \\
& \text { MiN }
\end{aligned}
$$

Dear Mr Taylor，
I would like to register my support for the Finavon Hill Estate single 500 kW wind turbine．I believe that the project contains many preferable characteristics for a development of this type，including：
－The Finavon Hill Wind Turbine proposal will produce an alternative necessary form of income to safeguard the established shooting Estate which runs alongside the farming activity
－The project is Safeguards existing jobs on the Estate．
－In my opinion the Finavon Hill Wind Turbine proposal will not significantly reduce the amenity value of the area．
－I have looked at the photomontages of the wind turbines and I find their appearance within the landscape acceptable which gives support to the socio economic reasons supporting the project．
－Excellent opportunity for local contractors and suppliers to benefit from the project

This application for the reasons above should be supported and be granted approval．

Yours Sincerely，

Address：－


Kimnaréd


Mr Fd Tayior Planning Officer,

## Angus Council Planning Department

County Buildings
Market Street
Forfar
Angus
DD8 3LG
Date: $26^{\text {th }}$ November 2014
Application Ref: 14/00827/FULL
Dear Mr Taylor,
I travel on a regular basis up to Aberdeen and beyond and have seen many turbines erected on top of hills which can be seen for miles, so I fail to see how a single turbine not on top of a hill can be an issue.

The application is a joint venture of two local companies and therefore the income generated will invariably be spent locally to the benefit of $\Lambda$ ngus.

I fully support this application.
Yours Sincerely,


Name: Pat Wilkie
Address: 3 Kirkton Road
Airlie
By Kirriemuir
DD8 5HP


Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings Market Street Forfar
Angus
DD8 3LG

Date: $25^{\text {th }}$ November 2014

Application Ref: 14/00827/FULL

## Dear Mr Taylor,

I would like to register my support for the Finavon Hill Estate single 500 kW wind turbine. I believe that the project contains many preferable characteristics for a development of this type, including:

* The Finavon Hill Wind Turbine proposal will produce an alternative necessary form of income to safeguard the established shooting Estate which runs alongside the farming activity
* The project safeguards existing jobs on the Estate.
* In my opinion the Finavon Hill Wind Turbine proposal will not significantly reduce the amenity value of the area.
* I have looked at the photomontages of the wind turbines and I find their appearance within the landscape acceptable which gives support to the socio economic reasons supporting the project.
* Excellent opportunity for local contractors and suppliers to benefit from the project

This application for the reasons above should be supported and be granted approval.
Yours Sincerely,


Name: Paula Wilkie
Address: 3 Kirkton Road
Airlie
By Kirriemuir
Angus
DD8 5HP
ルECEIVED
3-DEC 2014
小lkw

Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings Market Street Forfar
Angus DD 3LG

Date: $\quad 37-11-14$
Application Ref: 14/00827/FULL

Dear Mr Taylor,
I would like to register my support for this application for a single 500 kW turbine.

Finavon Hill Estate's partner in this venture, Kilmac, I am pleased to say is a local engineering company that is developing the expertise in civil engineering to roll out this concept nationally to the benefit of job creation and income to Angus.

Yours Sincerely, $\square$
Name: R凤Tに S SRRWCL
Address:
carserank Farm hours
Forfar
Angus
DD8 3~0
rECEIVED 3-DEC 2014 c| kw

Mr Ed Taylor Planning Officer, Angus Council Planning Department

County Buildings
Market Street
Forfar
DD 3LG Angus

Date:
Application Ref: 14/00827/FULL

# RECEIVED 

2- DEC 2014
に1kし
Dear Mr Taylor,
I would like to register my support for the Finavon Hill Estate single 500kW wind turbine. I believe that the project contains many preferable characteristics for a development of this type, including:

- The revised layout of a single turbine overcomes the concerns from the previous application in respect of residential amenity and landscape character.
- The wind turbine is not located within any ecologically designated areas.
- The project is Safeguards existing jobs on the Estate.
- Excellent opportunity for local contractors and suppliers to benefit from the project.
- The potential to support new local employment and encourage further capital investment in the Estate facilities.

On the basis of the points above I would urge the Council to approve the application.
Yours Sincerely,

Address: 42


1) $4 S P T$

Date: 26/11|A
Application Ref: 14/00827/FULL

Dear Mr Taylor,
I would like to register my support for this application for a single 500 kW turbine.

Finavon Hill Estate's partner in this venture, Kilmac, I am pleased to say is a local engineering company that is developing the expertise in civil engineering to roll out this concept nationally to the benefit of job creatiorr and income to Angus.

Yours Sincerely,


凸ECE ENED
3- DEC 2014
ル|kW

Mr Ed Taylor Planning Officer， Angus Council Planning Department

County Buildings
Market Street
Forfar
Angus
DD 3LG

## Date：

Application Ref：14／00827／FULL
Dear Mr Taylor，
I would like to register my support for the Finavon Hill Estate single 500 kW wind turbine．I believe that the project contains many preferable characteristics for a development of this type，including：
－The Finavon Hill Wind Turbine proposal will produce an alternative necessary form of income to safeguard the established shooting Estate which runs alongside the farming activity
－The project safeguards existing jobs on the Estate．
－In my opinion the Finavon Hill Wind Turbine proposal will not significantly reduce the amenity value of the area．
－I have looked at the photomontages of the wind turbines and I find their appearance within the landscape acceptable which gives support to the socio economic reasons supporting the project．
－Excellent opportunity for local contractors and suppliers to benefit from the project

This application for the reasons above should be supported and be granted approval．

Yours Sincerely，
ルHCEIVED
3－DEC 2014
じ1くw
Name

Address：
28 woodlands Avenue
Noranside．
175

Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings Market Street

Forfar
Angus
DD8 3LG

Date: $25 / 11 / 14$
Application Ref: 14/00827/FULL

## Dear Mr Ed Taylor,

I am writing to express my unequivocal support for the Finavon Hill Estate single wind turbine application. It is such an important and exciting scheme for local business and it is vital that it goes ahead so as to safeguard existing and future jobs on the Estate. I strongly believe that the single turbine will not in any way detract from its surroundings and will not in any sense impact on my enjoyment of the area and this site is ideal for several reasons:

- It is a suitable distance from residential properties, a noise assessment has shown that residential amenity would be protected
- It is outside of protected landscape areas such as Areas of Outstanding Natural Beauty and National Parks and the Angus Glens!
- It has good wind speed even although it is not situated on the top of Finavon Hill.

Please support this wind turbine application.

Yours Sincerely,


Mir Ed Taylor Planning Officer, Angus Council Planning Department County Buildings Market Street Forfar
DD8 3 LG
Angus

## Date:

Application Ref: 14/00827/FULL

## $\because \mathbb{B}$ <br> 2- DEC 2014 <br> は1KW

Dear Mr Taylor,
I would like to register my support for the Finavon Hill Estate single 500 kW wind turbine. I believe that the project contains many preferable characteristics for a development of this type, including:

- The revised layout of a single turbine overcomes the concerns from the previous application in respect of residential amenity and landscape character.
- The wind turbine is not located within any ecologically designated areas.
- The project is Safeguards existing jobs on the Estate.
- Excellent opportunity for local contractors and suppliers to benefit from the project.
- The potential to support new local employment and encourage further capital investment in the Estate facilities.

On the basis of the points above I would urge the Council to approve the application.
Yours Sincerely,


Address:




Mr Ed Taylor Planning Officer， Angus Council Planning Department County Buildings

Market Street
Forfar
Angus
DD 3LG

Date：


Application Ref：14／00827／FULL

## Dear Mr Taylor，

I travel on a regular basis up to Aberdeen and beyond and have seen many turbines erected on top of hills which can be seen for miles，so I fail to see how a single turbine not on top of a hill can be an issue．

The application is a joint venture of two local companies and therefore the income generated will invariably be spent locally to the benefit of Angus．

I fully support this application．

Yours Sincerely，

# 邧じぐほVED 

Name：Wiयnam Mode ETON

2－DEC 2014
－｜kw

Address： 95 LORS LyELL inlINe TiRPIEMAIR －1） 8 亿くよ

## AC61

Mr Ed Taylor Planning Officer， Angus Council Planning Department County Buildings Market Street<br>Forfar<br>DD 3LG<br>Angus

$21^{\text {st }}$ October 2014
Application Ref：14／00827／FULL
Dear Mr Taylor，
I would like to register my support for the Finavon Hill Estate single 500kW wind turbine．I believe that the project contains many preferable characteristics for a development of this type，including：
－The Finavon Hill Wind Turbine proposal will produce an alternative necessary form of income to safeguard the established shooting Estate which runs alongside the farming activity
－The project is Safeguards existing jobs on the Estate．
－In my opinion the Finavon Hill Wind Turbine proposal will not significantly reduce the amenity value of the area．
－I have looked at the photomontages of the wind turbines and I find their appearance within the landscape acceptable which gives support to the socio economic reasons supporting the project．
－Excellent opportunity for local contractors and suppliers to benefit from the project

This application for the reasons above should be supported and be granted approval．


Adrian Mioduszewski 30 Hillview

4 －DEC 2014
にlはい

DD 7EN

## AC62

Mr Ed Taylor Planning Officer, Angus Council Planning Department

County Buildings
Market Street
Forfar
DD 3LG
Angus
Date: 23 NOVEMBER 2014
Application Ref: 14/00827/FULL

Dear Mr Taylor,
I would like to register my support for the Finavon Hill Estate single 500kW wind turbine. I believe that the project contains many preferable characteristics for a development of this type, including:

- The Finavon Hill Wind Turbine proposal will produce an alternative necessary form of income to safeguard the established shooting Estate which runs alongside the farming activity
- The project is Safeguards existing jobs on the Estate.
- In my opinion the Finavon Hill Wind Turbine proposal will not significantly reduce the amenity value of the area.
- I have looked at the photomontages of the wind turbines and I find their appearance within the landscape acceptable which gives support to the socio economic reasons supporting the project.
- Excellent opportunity for local contractors and suppliers to benefit from. the project

This application for the reasons above should be supported and be granted approval.

Yours Sincerely,


Address: ALEKSANDRA RABALA 23 PRUMACHLIE PARK BRECHt
$D D G 7 B P^{185}$

## AC63

Mr Ed Taylor Planning Officer， Angus Council Planning Department

County Buildings
Market Street
Forfar
Angus
DD 3LG

Date：26／1．14
Application Ref：14／00827／FULL

Dear Mr Taylor，

I would like to register my support for this application for a single 500 kW turbine．

Finavon Hill Estate＇s partner in this venture，Kilmac，I am pleased to say is a local engineering company that is developing the expertise in civil engineering to roll out this concept nationally to the benefit of job creation and income to Angus．

Yours Sincerely，

Address： 88 cord Lyell Drive

## Kirriemuire



DDS \＆$L F$

# ルセC゙灾いVED <br> 4～DEC 2014 

il 1 KL

Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings Market Street

Forfar
DD 3LG
Angus

Application Ref: 14/00827/FULL

Dear Mr Taylor,
I would like to register my support for the Finavon Hill Estate single 500 kW wind turbine. I believe that the project contains many preferable characteristics for a development of this type, including:

- The revised layout of a single turbine overcomes the concerns from the previous application in respect of residential amenity and landscape character.
- The wind turbine is not located within any ecologically designated areas.
- The project is Safeguards existing jobs on the Estate.
- Excellent opportunity for local contractors and suppliers to benefit from the project.
- The potential to support new local employment and encourage further capital investment in the Estate facilities.

On the basis of the points above I would urge the Council to approve the application.
Yours Sincerely,

$$
\begin{aligned}
& \text { Nursery Park } 22 \\
& \text { DD 9 } 7 E Y \\
& \text { Brechin }
\end{aligned}
$$

Mic)
4 - DEC 2014
に) 110

## AC65

Mr Ed Taylor Planning Officer, Angus Council Planning Department<br>County Buildings<br>Market Street<br>Forfar<br>Angus<br>DD8 3LG

Date: 281י114
Application Ref: 14/00827/FULL

## Dear Mr Ed Taylor,

I am writing to express my unequivocal support for the Finavon Hill Estate single wind turbine application. It is such an important and exciting scheme for local business and it is vital that it goes ahead so as to safeguard existing and future jobs on the Estate. I strongly believe that the single turbine will not in any way detract from its surroundings and will not in any sense impact on my enjoyment of the area and this site is ideal for several reasons:

- It is a suitable distance from residential properties, a noise assessment has shown that residential amenity would be protected
- It is outside of protected landscape areas such as Areas of Outstanding Natural Beauty and National Parks and the Angus Glens!
- It has good wind speed even although it is not situated on the top of Finavon Hill.

Please support this wind turbine application.

Yours Sincerely,

## HECEIVED

4- DEC 2014
ル|kW

Name
Address: Kirklee I Chur in lame Kirmumulr Dosiatic

## AC66

Mr Ed Taylor Planning Officer, Angus Council Planning Department

County Buildings
Market Street
Forfar
DD 3LG
Angus

Date:


Application Ref: 14/00827/FULL

Dear Mr Taylor,
I would like to register my support for the Finavon Hill Estate single 500 kW wind turbine. I believe that the project contains many preferable characteristics for a development of this type, including:

- The Finavon Hill Wind Turbine proposal will produce an alternative necessary form of income to safeguard the established shooting Estate which runs alongside the farming activity
- The project is Safeguards existing jobs on the Estate.
- In my opinion the Finavon Hill Wind Turbine proposal will not significantly reduce the amenity value of the area.
- I have looked at the photomontages of the wind turbines and I find their appearance within the landscape acceptable which gives support to the socio economic reasons supporting the project.
- Excellent opportunity for local contractors and suppliers to benefit from the project

This application for the reasons above should be supported and be granted approval.

Yours Sincerely,


Address:-
rECEIVED
4-DEC 2014
ILIKW

Mavifieth
Dis Lh

## AC67

Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings<br>Market Street<br>Forfar<br>DD 3LG<br>Angus

Date: 22 NOVEMBER 2014
Application Ref: 14/00827/FULL

Dear Mr Taylor,
I would like to register my support for the Finavon Hill Estate single 500 kW wind turbine. I believe that the project contains many preferable characteristics for a development of this type, including:

- The Finavon Hill Wind Turbine proposal will produce an alternative necessary form of income to safeguard the established shooting Estate which runs alongside the farming activity
- The project is Safeguards existing jobs on the Estate.
- In my opinion the Finavon Hill Wind Turbine proposal will not significantly reduce the amenity value of the area.
- I have looked at the photomontages of the wind turbines and I find their appearance within the landscape acceptable which gives support to the socio economic reasons supporting the project.
- Excellent opportunity for local contractors and suppliers to benefit from the project

This application for the reasons above should be supported and be granted approval.
Yours Sincerely,

*
4- DEC 2014
Address: 73 HILLVIEW


Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings<br>Market Street<br>Forfar<br>DD8 3LG<br>Angus

Application Ref: 14/00827/FULL

Dear Mr Taylor,
I would like to register my support for the Finavon Hill Estate single 500kW wind turbine. I believe that the project contains many preferable characteristics for a development of this type, including:

- The revised layout of a single turbine overcomes the concerns from the previous application in respect of residential amenity and landscape character.
- The wind turbine is not located within any ecologically designated areas.
- The project is Safeguards existing jobs on the Estate.
- Excellent opportunity for local contractors and suppliers to benefit from the project.
- The potential to support new local employment and encourage further capital investment in the Estate facilities.

On the basis of the points above I would urge the Council to approve the application.

Yours Sincerely,


Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings<br>Market Street<br>Forfar<br>Angus<br>DD8 3LG

Date:
Application Ref: 14/00827/FULL

Dear Mr Taylor,
I would like to register my support for this application for a single 500 kW turbine.

Finavon Hill Estate's partner in this venture, Kilmac, I am pleased to say is a local engineering company that is developing the expertise in civil engineering to roll out this concept nationally to the benefit of job creation and income to Angus.

Yours Sincerely,

Name: Edvins Balodis
Address: 1/L 14 St. Nicholas PI, Dundee DD3 9NG

4-DEC 2014
ル|Kん

Mir Ed Taylor Planning Officer, Angus Council Planning Department County Buildings

Market Street
Forfar
DD 3LG
Angus

Date: 22 NOVEMBER 2014
Application Ref: 14/00827/FULL

Dear Mr Taylor,
I would like to register my support for the Finavon Hill Estate single 500 kW wind turbine. I believe that the project contains many preferable characteristics for a development of this type, including:

- The Finavon Hill Wind Turbine proposal will produce an alternative necessary form of income to safeguard the established shooting Estate which runs alongside the farming activity
- The project is Safeguards existing jobs on the Estate.
- in my opinion the Finavon Hill Wind Turbine proposal will not significantly reduce the amenity value of the area.
- I have looked at the photomontages of the wind turbines and I find their appearance within the landscape acceptable which gives support to the socio economic reasons supporting the project.
- Excellent opportunity for local contractors and suppliers to benefit from the project

This application for the reasons above should be supported and be granted approval.
Yours Sincerely,


HICCHIVED
$4-$ DEC 2014
Llokw

## Address:



73 Hillview 201
DD $97 E W$ BRECHIN

Mr Ed Taylor Planning Officer, Angus Council Planning Department

County Buildings
Market Street
Forfar
Angus
DD 3LG

Date:
Application Ref: 14/00827/FULL

Dear Mr Ed Taylor,
I am writing to express my unequivocal support for the Finavon Hill Estate single wind turbine application. It is such an important and exciting scheme for local business and it is vital that it goes ahead so as to safeguard existing and future jobs on the Estate. I strongly believe that the single turbine will not in any way detract from its surroundings and will not in any sense impact on my enjoyment of the area and this site is ideal for several reasons:

- It is a suitable distance from residential properties, a noise assessment has shown that residential amenity would be protected
- It is outside of protected landscape areas such as Areas of Outstanding Natural Beauty and National Parks and the Angus Glens!
- It has good wind speed even although it is not situated on the top of Finavon Hill.

Please support this wind turbine application.

Yours Sincerely,


Name:
ELIRASETN MILNE

$$
\begin{gathered}
2 \text { STRATHMORE AVENUE } \\
\text { KIRRIEMVI203 }
\end{gathered}
$$

## AC72

Mr Ed Taylor Planning Officer, Angus Council Planning Department<br>County Buildings<br>Market Street<br>Forfar<br>DD 3LG<br>Angus

$20^{\text {th }}$ October 2014
Application Ref: 14/00827/FULL
Dear Mr Ed Taylor,
I am writing to express my unequivocal support for the Finavon Hill Estate single wind turbine application. It is such an important and exciting scheme for local business and it is vital that it goes ahead so as to safeguard existing and future jobs on the Estate. I strongly believe that the single turbines will not in any way detract from its surroundings and will not in any sense impact on my enjoyment of the area and this site is ideal for several reasons:

- It is a suitable distance from residential properties, a noise assessment has shown that residential amenity would be protected
- It is outside of protected landscape areas such as Areas of Outstanding Natural Beauty and National Parks and the Angus Glens!
- It has good wind speed even although it is not situated on the top of Finavon Hill.

Please support this wind turbine application.
Yours Sincerely,


Mr Ed Taylor Planning Officer, Angus Council Planning Department

County Buildings
Market Street
Forfar
DD 3LG
Angus

24 ${ }^{\text {th }}$ October 2014
Application Ref: 14/00827/FULL
Dear Mr Taylor,
I would like to register my support for the Finavon Hill Estate single 500 kW wind turbine. I believe that the project contains many preferable characteristics for a development of this type, including:

- The revised layout of a single turbine overcomes the concerns from the previous application in respect of residential amenity and landscape character.
- The wind turbine is not located within any ecologically designated areas.
- The project is Safeguards existing jobs on the Estate.
- Excellent opportunity for local contractors and suppliers to benefit from the project.
- The potential to support new local employment and encourage further capital investment in the Estate facilities.

On the basis of the points above I would urge the Council to approve the application.
Yours Sincerely,


Frederick Purves
3 Grangehill Drive
Monifieth
Angus
DD 4RG

1Llkw

Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings Market Street<br>Forfar<br>DD 3LG<br>Angus

Date: LT/10/14
Application Ref: 14/00827/FULL

Dear Mr Taylor,
I would like to register my support for the Finavon Hill Estate single 500 kW wind turbine. I believe that the project contains many preferable characteristics for a development of this type, including:

- The Finavon Hill Wind Turbine proposal will produce an alternative necessary form of income to safeguard the established shooting Estate which runs alongside the farming activity
- The project is Safeguards existing jobs on the Estate.
- In my opinion the Finavon Hill Wind Turbine proposal will not significantly reduce the amenity value of the area.
- I have looked at the photomontages of the wind turbines and I find their appearance within the landscape acceptable which gives support to the socio economic reasons supporting the project.
- Excellent opportunity for local contractors and suppliers to benefit from the project

This application for the reasons above should be supported and be granted approval.
Yours Sincerely,


$$
\begin{gathered}
K L C E D V E D \\
4-D E C 2014 \\
x / \mathrm{kw}
\end{gathered}
$$

Address:

Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings

Market Street
Forfar
Angus
DD 3LG

Date: $26 / 11 / 14$
Application Ref: 14/00827/FULL

Dear Mr Ed Taylor,

I am writing to express my unequivocal support for the Finavon Hill Estate single wind turbine application. It is such an important and exciting scheme for local business and it is vital that it goes ahead so as to safeguard existing and future jobs on the Estate. I strongly believe that the single turbine will not in any way detract from its surroundings and will not in any sense impact on my enjoyment of the area and this site is ideal for several reasons:

- It is a suitable distance from residential properties, a noise assessment has shown that residential amenity would be protected
- It is outside of protected landscape areas such as Areas of Outstanding Natural Beauty and National Parks and the Angus Glens!
- It has good wind speed even although it is not situated on the top of Finavon Hill.

Please support this wind turbine application.

Yours Sincerely,
$\mathbb{R E C E} \mathbb{C} \mathbb{C} E D$
$4-D E C 2014$
$M 1 \mathrm{kw}$

Name:
Address:
Gaicie House.
17 Kick ifford.
Kiekienure

Mr Ed Taylor Planning Officer, Angus Council Planning Department

County Buildings
Market Street
Forfar
DD 3LG
Angus

Application Ref: 14/00827/FULL

Dear Mr Taylor,
I would like to register my support for the Finavon Hill Estate single 500 kW wind turbine. I believe that the project contains many preferable characteristics for a development of this type, including:

- The revised layout of a single turbine overcomes the concerns from the previous application in respect of residential amenity and landscape character.
- The wind turbine is not located within any ecologically designated areas.
- The project is Safeguards existing jobs on the Estate.
- Excellent opportunity for local contractors and suppliers to benefit from the project.
- The potential to support new local employment and encourage further capital investment in the Estate facilities.

On the basis of the points above I would urge the Council to approve the application.

Yours Sincerely,

23.11 .14.

UNECETVED 4- DEC 2014

ル kw

Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings<br>Market Street<br>Forfar<br>Angus<br>DD 3LG

## Date:

Application Ref: 14/00827/FULL

Dear Mr Taylor,
I travel on a regular basis up to Aberdeen and beyond and have seen many turbines erected on top of hills which can be seen for miles, so I fail to see how a single turbine not on top of a hill can be an issue.

The application is a joint venture of two local companies and therefore the income generated will invariably be spent locally to the benefit of Angus.

I fully support this application.


Name: GRREGOR2 MOCHON
Address:


Mr Ed Taylor Planning Officer, Angus Council Planning Department<br>County Buildings<br>Market Street<br>Forfar<br>DD 3LG<br>Angus

Application Ref: 14/00827/FULL

Dear Mr Taylor,

I would like to register my support for the Finavon Hill Estate single 500kW wind turbine. I believe that the project contains many preferable characteristics for a development of this type, including:

- The revised layout of a single turbine overcomes the concerns from the previous application in respect of residential amenity and landscape character.
- The wind turbine is not located within any ecologically designated areas.
- The project is Safeguards existing jobs on the Estate.
- Excellent opportunity for local contractors and suppliers to benefit from the project.
- The potential to support new local employment and encourage further capital investment in the Estate facilities.

On the basis of the points above I would urge the Council to approve the application.
Yours Sincerely


Mir Ed Tayior Planning Officer, Angus Council Planning Department County Buildings<br>Market Street<br>Forfar<br>DD8 3LG<br>Angus

## Date:

Application Ref: 14/00827/FULL

Dear Mr Ed Taylor,
I am writing to express my unequivocal support for the Finavon Hill Estate single wind turbine application. It is such an important and exciting scheme for local business and it is vital that it goes ahead so as to safeguard existing and future jobs on the Estate. I strongly believe that the single turbines will not in any way detract from its surroundings and will not in any sense impact on my enjoyment of the area and this site is ideal for several reasons:

- It is a suitable distance from residential properties, a noise assessment has shown that residential amenity would be protected
- It is outside of protected Iandscape areas such as Areas of Outstanding Natural Beauty and National Parks and the Angus Glens!
- It has good wind speed even although it is not situated on the top of Finavon Hill.

Please support this wind turbine application.


> Address: 21 NURSERY PARK
> BRECHIN
> DD 9 TEY

Mr Ed Taylor Planning Officer, Angus Council Planning Department

County Buildings
Market Street
Forfar
Angus
DD8 3LG

Date: $26 / 11 / 14$

Application Ref: 14/00827/FULL

## Dear Mr Taylor,

I would like to register my support for this application for a single 500 kW turbine.

Finavon Hill Estate's partner in this venture, Kilmac, I am pleased to say is a local engineering company that is developing the expertise in civil engineering to roll out this concept nationally to the benefit of job creation and income to Angus.

Yours Sincerely,


Name: tiv GルL
Address:

$$
\begin{aligned}
& 2 \text { points st } \\
& \text { Kincouna } \\
& \text { ANGUs }
\end{aligned}
$$

Mr Ed Taylor Planning Officer, Angus Council Planning Department<br>County Buildings<br>Market Street<br>Forfar<br>Angus<br>DD8 3LG

Date: $27 / 11 / 14$
Application Ref: 14/00827/FULL
Dear Mr Taylor,
I would like to register my support for the Finavon Hill Estate single 500 kW wind turbine. I believe that the project contains many preferabie characteristics for a development of this type, including:

- The Finavon Hill Wind Turbine proposal will produce an alternative necessary form of income to safeguard the established shooting Estate which runs alongside the farming activity
- The project safeguards existing jobs on the Estate.
- In my opinion the Finavon Hill Wind Turbine proposal will not significantly reduce the amenity value of the area.
- I have looked at the photomontages of the wind turbines and I find their appearance within the landscape acceptable which gives support to the socio economic reasons supporting the project.
- Excellent opportunity for local contractors and suppliers to benefit from the project

This application for the reasons above should be supported and be granted approvai.

Yours Sincerely,

Name: Irene Pattullo


FECEIEDED)
4 - DEC 2014
心! KW
Address: 99 Lord Lyell Drive

Kirriemuir DD8 4LF

Mr Ed Taylor Planning Officer， Angus Council Planning Department County Buildings Market Street

Forfar
DD 3LG
Angus

Application Ref：14／00827／FULL

Dear Mr Taylor，
I would like to register my support for the Finavon Hill Estate single 500 kW wind turbine．I believe that the project contains many preferable characteristics for a development of this type，including：
－The revised layout of a single turbine overcomes the concerns from the previous application in respect of residential amenity and landscape character．
－The wind turbine is not located within any ecologically designated areas．
－The project is Safeguards existing jobs on the Estate．
－Excellent opportunity for local contractors and suppliers to benefit from the project．
－The potential to support new local employment and encourage further capital investment in the Estate facilities．

On the basis of the points above I would urge the Council to approve the application．
Yours Sincerely，
21 Nursery Park，DD9 FEY

## AC83

Mr Ed Taylor Planning Officer, Angus Council Planning Department<br>County Buildings<br>Market Street<br>Forfar<br>Angus<br>DD 3LG

Date: $26 j 川 14$
Application Ref: 14/00827/FULL
Dear Mr Taylor,

I would like to register my support for the Finavon Hill Estate single 500 kW wind turbine. I believe that the project contains maris preferable characteristics for a development of this type, including:

- The Finavon Hill Wind Turbine proposal will produce an alternative necessary form of income to safeguard the established shooting Estate which runs alongside the farming activity
- The project safeguards existing jobs on the Estate.
- In my opinion the Finavon Hill Wind Turbine proposal will not significantly reduce the amenity value of the area.
- I have looked at the photomontages of the wind turbines and I find their appearance within the landscape acceptable which gives support to the socio economic reasons supporting the project.
- Excellent opportunity for local contractors and suppliers to benefit from the project

This application for the reasons above should be supported and be granted approval.

Yours Sincerely,

Name:

## KATRINA HAMILTON

DIVE, NORTHMUIR, KIRRIEMUIK Am227S DD 8 4TS.

Mr Ed Taylor Planning Officer， Angus Council Planning Department<br>County Buildings<br>Market Street<br>Forfar<br>Angus<br>DD8 3LG

Date：2ii．．119
Application Ref：14／00827／FULL
Dear Mr Taylor，
I would like to register my support for the Finavon Hill Estate single 500kW wind turbine．I believe that the project contains many preferable characteristics for a development of this type，including：
－The Finavon Hill Wind Turbine proposal will produce an alternative necessary form of income to safeguard the established shooting Estate which runs alongside the farming activity
－The project safeguards existing jobs on the Estate．
－In my opinion the Finavon Hill Wind Turbine proposal will not significantly reduce the amenity value of the area
－I have looked at the photomontages of the wind turbines and I find their appearance within the landscape acceptable which gives support to the socio economic reasons supporting the project．
－Excellent opportunity for local contractors and suppliers to benefit from the project

This application for the reasons above should be supported and be granted approval．

Yours Sincerely，

$$
\begin{aligned}
& \text { H゙ECCIVED } \\
& \text { - DEC } 2014 \\
& \text { ルkw }
\end{aligned}
$$

Name：


Address：Muirhouses，kimkmulv

$0084 G G_{5}$

Mr Ed Taylor Planning Officer, Angus Council Planning Department

County Buildings
Market Street
Forfar
DD8 3LG
Angus

Date:
Application Ref: 14/00827/FULL

Dear Mr Taylor,

I would like to register my support for the Finavon Hill Estate single 500kW wind turbine. I believe that the project contains many preferable characteristics for a development of this type, including:

- The revised layout of a single turbine overcomes the concerns from the previous application in respect of residential amenity and landscape character.
- The wind turbine is not located within any ecologically designated areas.
- The project is Safeguards existing jobs on the Estate.
- Excellent opportunity for local contractors and suppliers to benefit from the project.
- The potential to support new local employment and encourage further capital investment in the Estate facilities.

On the basis of the points above I would urge the Council to approve the application.


Address:
5.3
 POP ABowithy fix


## AC86

Mr Ed Taylor Planning Officer， Angus Council Planning Department<br>County Buildings<br>Market Street<br>Forfar<br>DD 3LG<br>Angus

## Date： 24 NOVEMBER 2014

Application Ref：14／00827／FULL

Dear Mr Taylor，
I would like to register my support for the Finavon Hill Estate single 500kW wind turbine．I believe that the project contains many preferable characteristics for a development of this type，including：
－The Finavon Hill Wind Turbine proposal will produce an alternative necessary form of income to safeguard the established shooting Estate which runs alongside the farming activity
－The project is Safeguards existing jobs on the Estate．
－In my opinion the Finavon Hill Wind Turbine proposal will not significantly reduce the amenity value of the area．
－I have looked at the photomontages of the wind turbines and I find their appearance within the landscape acceptable which gives support to the socio economic reasons supporting the project．
－Excellent opportunity for local contractors and suppliers to benefit from the project

This application for the reasons above should be supported and be granted approval．
Yours Sincerely，


## にじらい【區

4－DEC 2014
ル｜KW

Address：MARZENA NOJCMK
\＆NURSERY PARK
BRECHIN
DOM FEY

## AC87

Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings

Market Street

Date: $271111 / 4$
Application Ref: 14/00827/FULL

## Dear Mr Taylor,

I would like to register my support for the Finavon Hill Estate single 500 kW wind turbine. I believe that the project contains many preferable characteristics for a development of this type, including:

- The Finavon Hill Wind Turbine proposal will produce an alternative necessary form of income to safeguard the established shooting Estate which runs alongside the farming activity
- The project is Safeguards existing jobs on the Estate.
- In my opinion the Finavon Hill Wind Turbine proposal will not significantly reduce the amenity value of the area.
- I have looked at the photomontages of the wind turbines and I find their appearance within the landscape acceptable which gives support to the socio economic reasons supporting the project.
- Excellent opportunity for local contractors and suppliers to benefit from the project

This application for the reasons above should be supported and be granted approval.

Yours Sincerely,


Address:-

rECEIVED
4 - DEC 2014
Il Kw

## Date:

Application Ref: 14/00827/FULL

## Dear Mr Ed Taylor,

I am writing to express my unequivocal support for the Finavon Hill Estate single wind turbine application. It is such an important and exciting scheme for local business and it is vital that it goes ahead so as to safeguard existing and future jobs on the Estate. I strongly believe that the single turbines will not in any way detract from its surroundings and will not in any sense impact on my enjoyment of the area and this site is ideal for several reasons:

- It is a suitable distance from residential properties, a noise assessment has shown that residential amenity would be protected
- It is outside of protected landscape areas such as Areas of Outstanding Natural Beauty and National Parks and the Angus Glens!
- It has good wind speed even although it is not situated on the top of Finavon Hill.

Please support this wind turbine application.


RECEIVED
4- DEC 2014
know
Address: $/ / \beta$

## ARILMATCE

Dun $=E$
$D \otimes J$ 237

Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings

Market Street
Forfar
Angus
DD8 3LG

Date: 2allillu
Application Ref: 14/00827/FULL

## Dear Mr Ed Taylor,

I am writing to express my unequivocal support for the Finavon Hill Estate single wind turbine application. It is such an important and exciting scheme for local business and it is vital that it goes ahead so as to safeguard existing and future jobs on the Estate. I strongly believe that the single turbine will not in any way detract from its surroundings and will not in any sense impact on my enjoyment of the area and this site is ideal for several reasons:

- It is a suitable distance from residential properties, a noise assessment has shown that residential amenity would be protected
- It is outside of protected landscape areas such as Areas of Outstanding Natural Beauty and National Parks and the Angus Glens!
- It has good wind speed even although it is not situated on the top of Finavon Hill.

Please support this wind turbine application.

Yours Sincerely,

Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings<br>Market Street<br>Forfar<br>DD8 3LG<br>Angus

Date: 20/11/4
Application Ref: 14/00827/FULL

Dear Mr Taylor,
I would like to register my support for the Finavon Hill Estate single 500kW wind turbine. I believe that the project contains many preferable characteristics for a development of this type, including:

- The Finavon Hill Wind Turbine proposal will produce an alternative necessary form of income to safeguard the established shooting Estate which runs alongside the farming activity
- The project is Safeguards existing jobs on the Estate.
- In my opinion the Finavon Hill Wind Turbine proposal will not significantly reduce the amenity value of the area.
- I have looked at the photomontages of the wind turbines and I find their appearance within the landscape acceptable which gives support to the socio economic reasons supporting the project.
- Excellent opportunity for local contractors and suppliers to benefit from the project

This application for the reasons above should be supported and be granted approval.
Yours Sincerely,


Address:

HECSIVED
4 - DEC 2014
小lkw

Date:
Application Ref: 14/00827/FULL

Dear Mr Taylor,
I would like to register my support for this application for a single 500 kW turbine.

Finavon Hill Estate's partner in this venture, Kilmac, I am pleased to say is a local engineering company that is developing the expertise in civil engineering to roll out this concept nationally to the benefit of job creation and income to Angus.

Yours Sincerely,


Address: IT A Dorepield Count,


4 - DEC 2014
Mk

## AC92

Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings Market Street

Forfar
DD8 3 LG
Angus

Date:
Application Ref: 14/00827/FULL

Dear Mr Taylor,
I would like to register my support for the Finavon Hill Estate single 500 kW wind turbine. I believe that the project contains many preferable characteristics for a development of this type, including:

- The revised layout of a single turbine overcomes the concerns from the previous application in respect of residential amenity and landscape character.
- The wind turbine is not located within any ecologically designated areas.
- The project is Safeguards existing jobs on the Estate.
- Excellent opportunity for local contractors and suppliers to benefit from the project.
- The potential to support new local employment and encourage further capital investment in the Estate facilities.

On the basis of the points above I would urge the Council to approve the application.

Yours Sincerely,

7


Address:
 Monteith DDS 4 RY

HEGEL
5- DEC 2014
八/ kw

Mr Ed Taylor Planning Officer, Angus Council Planning Department<br>County Buildings<br>Market Street<br>Forfar<br>DD 3LG<br>Angus

Date: $28 / 10 / 14$.
Application Ref: 14/00827/FULL

Dear Mr Taylor,
I would like to register my support for the Finavon Hill Estate single 500 kW wind turbine. I believe that the project contains many preferable characteristics for a development of this type, including:

- The Finavon Hill Wind Turbine proposal will produce an alternative necessary form of income to safeguard the established shooting Estate which runs alongside the farming activity
- The project is Safeguards existing jobs on the Estate.
- In my opinion the Finavon Hill Wind Turbine proposal will not significantly reduce the amenity value of the area.
- I have looked at the photomontages of the wind turbines and I find their appearance within the landscape acceptable which gives support to the socio economic reasons supporting the project.
- Excellent opportunity for local contractors and suppliers to benefit from the project

This application for the reasons above should be supported and be granted approval.
Yours Sincerely,


Mr Ed Taylor Planning Officer， Angus Council Planning Department

County Buildings
Market Street
Forfar
DD 3LG
Angus

Date：
Application Ref：14／00827／FULL

Dear Mr Taylor，
I would like to register my support for the Finavon Hill Estate single 500 kW wind turbine．I believe that the project contains many preferable characteristics for a development of this type，including：
－The revised layout of a single turbine overcomes the concerns from the previous application in respect of residential amenity and landscape character．
－The wind turbine is not located within any ecologically designated areas．
－The project is Safeguards existing jobs on the Estate．
－Excellent opportunity for local contractors and suppliers to benefit from the project．
－The potential to support new local employment and encourage further capital investment in the Estate facilities．

On the basis of the points above I would urge the Council to approve the application．


Address：
 ル゙CC゙EIVED


5－DEC 2014
Ll KW DUDE

## AC95

Mir Ed Taylor Planning Officer, Angus Council Planning Department<br>County Buildings<br>Market Street<br>Forfar<br>DDS SIG<br>Angus

Date: 29111114
Application Ref: 14/00827/FULL

Dear Mr Taylor,
I would like to register my support for the Finavon Hill Estate single 500 kW wind turbine. I believe that the project contains many preferable characteristics for a development of this type, including:

- The Finavon Hill Wind Turbine proposal will produce an alternative necessary form of income to safeguard the established shooting Estate which runs alongside the farming activity
- The project is Safeguards existing jobs on the Estate.
- In my opinion the Finavon Hill Wind Turbine proposal will not significantly reduce the amenity value of the area.
- I have looked at the photomontages of the wind turbines and I find their appearance within the landscape acceptable which gives support to the socio economic reasons supporting the project.
- Excellent opportunity for local contractors and suppliers to benefit from the project

This application for the reasons above should be supported and be granted approval.

Yours Sincerely,


Address:- 49 Roundeshill



## AC96

Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings<br>Market Street<br>Forfar<br>DD 3LG<br>Angus

Date:
Application Ref: 14/00827/FULL

Dear Mr Ed Taylor,
I am writing to express my unequivocal support for the Finavon Hill Estate single wind turbine application. It is such an important and exciting scheme for local business and it is vital that it goes ahead so as to safeguard existing and future jobs on the Estate. I strongly believe that the single turbines will not in any way detract from its surroundings and will not in any sense impact on my enjoyment of the area and this site is ideal for several reasons:

- It is a suitable distance from residential properties, a noise assessment has shown that residential amenity would be protected
- It is outside of protected landscape areas such as Areas of Outstanding Natural Beauty and National Parks and the Angus Glens!
- It has good wind speed even although it is not situated on the top of Finavon Hill.

Please support this wind turbine application.

Yours Sincerely,

Address:
ziencitin is NURSE Y fall

## AC97

Mr Ed Taylor Planning Officer, Angus Council Planning Department<br>County Buildings<br>Market Street<br>Forfar<br>DD 3LG<br>Angus

## Date: 22 NOVEMBER 2014

Application Ref: 14/00827/FULL

Dear Mr Taylor,
I would like to register my support for the Finavon Hill Estate single 500 kW wind turbine. I believe that the project contains many preferable characteristics for a development of this type, including:

- The Finavon Hill Wind Turbine proposal will produce an alternative necessary form of income to safeguard the established shooting Estate which runs alongside the farming activity
- The project is Safeguards existing jobs on the Estate.
- In my opinion the Finavon Hill Wind Turbine proposal will not significantly reduce the amenity value of the area.
- I have looked at the photomontages of the wind turbines and I find their appearance within the landscape acceptable which gives support to the socio economic reasons supporting the project.
- Excellent opportunity for local contractors and suppliers to benefit from the project

This application for the reasons above should be supported and be granted approval.
Yours Sincerely,


Address: 73 HILL VEW
BRELHIN DO, FEW

Mr Ed Taylor Planning Officer, Angus Council Planning Department

County Buildings
Market Street
Forfar
DD8 3LG
Angus
$20^{\text {th }}$ October 2014
Application Ref: 14/00827/FULL
Dear Mr Ed Taylor,
I am writing to express my unequivocal support for the Finavon Hill Estate single wind turbine application. It is such an important and exciting scheme for local business and it is vital that it goes ahead so as to safeguard existing and future jobs on the Estate. I strongly believe that the single turbines will not in any way detract from its surroundings and will not in any sense impact on my enjoyment of the area and this site is ideal for several reasons:

- It is a suitable distance from residential properties, a noise assessment has shown that residential amenity would be protected
- It is outside of protected landscape areas such as Areas of Outstanding Natural Beauty and National Parks and the Angus Glens!
- It has good wind speed even although it is not situated on the top of Finavon Hill.

Please support this wind turbine application.
Yours Sincerely,

Piotr Pionke
21 Nursery Park
Brechin
Angus
DD 7EY

Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings

Market Street
Forfar
DD8 3LG
Angus

## $17^{\text {th }}$ October 2014

Application Ref: 14/00827/FULL

Dear Mr Taylor,
I would like to register my support for the Finavon Hill Estate single 500kW wind turbine. I believe that the project contains many preferable characteristics for a development of this type, including:

- The revised layout of a single turbine overcomes the concerns from the previous application in respect of residential amenity and landscape character.
- The wind turbine is not located within any ecologically designated areas.
- The project is Safeguards existing jobs on the Estate.
- Excellent opportunity for local contractors and suppliers to benefit from the project.
- The potential to support new local employment and encourage further capital investment in the Estate facilities.

On the basis of the points above I would urge the Council to approve the application.

Yours Sincerely,

Przemyslaw Rabala
23 Drumachlie Park
Brechin
DD9 7BP

Mr Ed Taylor Planning Officer Angus Council Planning Department County Buildings Market Street

Forfar
DD 3LG
Angus

Date:
Application Ref: 14/00827/FULL

## Dear Mr Ed Taylor,

I am writing to express my unequivocal support for the Finavon Hill Estate single wind turbine application. It is such an important and exciting scheme for local business and it is vital that it goes ahead so as to safeguard existing and future jobs on the Estate. I strongly believe that the single turbines will not in any way detract from its surroundings and will not in any sense impact on my enjoyment of the area and this site is ideal for several reasons:

- It is a suitable distance from residential properties, a noise assessment has shown that residential amenity would be protected
- It is outside of protected landscape areas such as Areas of Outstanding Natural Beauty and National Parks and the Angus Glens!
- It has good wind speed even although it is not situated on the top of Finavon Hill.

Please support this wind turbine application.


ルHCEIVED
4- DEC 2014
ルlıW

Address:
$202 c$ Mantrose Street Brechin

Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings<br>Market Street<br>Forfar<br>Angus<br>DD 3LG

Date: $26 / 11 / 14$
Application Ref: 14/00827/FULL
Dear Mr Taylor,
I would like to register my support for the Finavon Hill Estate single 500kW wind turbine. I believe that the project contains many preferable characteristics for a development of this type, including:

- The Finavon Hill Wind Turbine proposal will produce an alternative necessary form of income to safeguard the established shooting Estate which runs alongside the farming activity
- The project safeguards existing jobs on the Estate.
- In my opinion the Finavon Hill Wind Turbine proposal will not significantly reduce the amenity value of the area.
- I have looked at the photomontages of the wind turbines and I find their appearance within the landscape acceptable which gives support to the socio economic reasons supporting the project.
- Excellent opportunity for local contractors and suppliers to benefit from the project

This application for the reasons above should be supported and be granted approval.

Yours Sincerely,

Name:

rECEIVED
40 DEC 2014
loW
Address: 8 Coctacity ORIVE
Kirriemuir.

## AC102

Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings Market Street

Forfar
Angus
DD 3LG

Date: $26 / 11 / 14$.
Application Ref: 14/00827/FULL

## Dear Mr Ed Taylor

I am writing to express my unequivocal support for the Finavon Hill Estate single wind turbine application. It is such an important and exciting scheme for local business and it is vital that it goes ahead so as to safeguard existing and future jobs on the Estate. I strongly believe that the single turbine will not in any way detract from its surroundings and will not in any sense impact on my enjoyment of the area and this site is ideal for several reasons:

- It is a suitable distance from residential properties, a noise assessment has shown that residential amenity would be protected
- It is outside of protected landscape areas such as Areas of Outstanding Natural Beauty and National Parks and the Angus Glens!
- It has good wind speed even although it is not situated on the top of Finavon Hill.

Please support this wind turbine application.

Yours Sincerely,


Name: S.MARTN.
Address:


Mr Ed Taylor Planning Officer， Angus Council Planning Department

County Buildings
Market Street
Forfar
Angus
DD8 3LG

Date：ख丁口い14
Application Ref：14／00827／FULL

Dear Mr Ed Taylor，
I am writing to express my unequivocal support for the Finavon Hill Estate single wind turbine application．It is such an important and exciting scheme for local business and it is vital that it goes ahead so as to safeguard existing and future jobs on the Estate．I strongly believe that the single turbine will not in any way detract from its surroundings and will not in any sense impact on my enjoyment of the area and this site is ideal for several reasons：
－It is a suitable distance from residential properties，a noise assessment has shown that residential amenity would be protected
－It is outside of protected landscape areas such as Areas of Outstanding Natural Beauty and National Parks and the Angus Glens！
－It has good wind speed even although it is not situated on the top of Finavon Hill．

Please support this wind turbine application．

Yours Sincerely，


Mr Ed Taylor Planning Officer, Angus Council Planning Department

County Buildings
Market Street
Forfar
Angus
DD8 3LG

Date: 241114
Application Ref: 14/00827/FULL

Dear Mr Ed Taylor,
I am writing to express my unequivocal support for the Finavon Hill Estate single wind turbine application. It is such an important and exciting scheme for local business and it is vital that it goes ahead so as to safeguard existing and future jobs on the Estate. I strongly believe that the single turbine will not in any way detract from its surroundings and will not in any sense impact on my enjoyment of the area and this site is ideal for several reasons:

- It is a suitable distance from residential properties, a noise assessment has shown that residential amenity would be protected
- It is outside of protected landscape areas such as Areas of Outstanding Natural Beauty and National Parks and the Angus Glens!
- It has good wind speed even although it is not situated on the top of Finavon Hill.

Please support this wind turbine application.


## AC105

Mr Ed Taylor Planning Officer， Angus Council Planning Department<br>County Buildings<br>Market Street<br>Forfar<br>Angus<br>DD 3LG

Date： 27 TH NOVEMBER 2014
Application Ref：14／00827／FULL

## Dear Mir Taylor，

I trave！on a regular basis up to Aberdeen and beyond and have seen many turbines erected on top of hills which can be seen for miles，so $\mid$ fail to see how a single turbine not on top of a hill can be an issue．

The application is a joint venture of two local companies and therefore the income generated will invariably be spent locally to the benefit of Angus．

I fully support this application．


Name：SPRAH DUNBAR
Address：I CROSSTON FARM COTTAGES

> MRERLLENINO
> FORFAR
> DD 8 $3 P E$

# ル゙C゙ETVED <br> 4 －DEC 2014 <br> $\operatorname{ll} \mid \mathrm{KW}$ 

Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings Market Street<br>Forfar<br>Angus<br>DD8 3LG

## Date:

Application Ref: 14/00827/FULL

## Dear Mr Taylor,

I travel on a regular basis up to Aberdeen and beyond and have seen many turbines erected on top of hills which can be seen for miles, so I fail to see how a single turbine not on top of a hill can be an issue.

The application is a joint venture of two local companies and therefore the income generated will invariably be spent locally to the benefit of Angus.

I fully support this application.


Address: 2P GRUiNoqRD FERRACE DundEE; DO\& 9 SW

Mr Ed Taylor Planning Officer, Angus Council Planning Department<br>County Buildings<br>Market Street<br>Forfar<br>DD 3LG<br>Angus

Date: SNocomber zorn
Application Ref: 14/00827/FULL

## RECEIVED

10 DEC 2014


Dear Mr Ed Taylor,
I am writing to express my unequivocal support for the Finavon Hill Estate single wind turbine application. It is such an important and exciting scheme for local business and it is vital that it goes ahead so as to safeguard existing and future jobs on the Estate. I strongly believe that the single turbines will not in any way detract from its surroundings and will not in any sense impact on my enjoyment of the area and this site is ideal for several reasons:

- It is a suitable distance from residential properties, a noise assessment has shown that residential amenity would be protected
- It is outside of protected landscape areas such as Areas of Outstanding Natural Beauty and National Parks and the Angus Glens!
- It has good wind speed even although it is not situated on the top of Finavon Hill.

Please support this wind turbine application.

Yours Sincerely,

Address:
"-ylorragaa"
sa NaLhowoio Road
B/Hony

Date: $26 / 11 / 14$
Application Ref: 14/00827/FULL

## Dear Mr Taylor,

I would like to register my support for this application for a single 500 kW turbine.

Finavon Hill Estate's partner in this venture, Kilmac, I am pleased to say is a local engineering company that is developing the expertise in civil engineering to roll out this concept nationally to the benefit of job creation and income to Angus.

Yours Sincerely,


Name: CHABSTOPHER AITKEN
Address:

$$
\begin{aligned}
& \text { ARDBECI } \\
& \text { CIIARLESTON UKLACE } \\
& \text { FORFAR } \\
& \text { DDS IUF }
\end{aligned}
$$

Mir Ed Tayior Planning Officer, Angus Council Planning Department County Buildings

Market Street
Forfar
DD8 3LG
Angus

Date:
Application Ref: 14100827/FULL

Dear Mr Ed Taylor,
I am writing to express my unequivocal support for the Finavon Hill Estate single wind turbine application. It is such an important and exciting scheme for local business and it is vital that it goes ahead so as to safeguard existing and future jobs on the Estate. I strongly believe that the single turbines will not in any way detract from its surroundings and will not in any sense impact on my enjoyment of the area and this site is ideal for several reasons:

- It is a suitable distance from residential properties, a noise assessment has shown that residential amenity would be protected
- It is outside of protected landscape areas such as Areas of Outstanding Natural Beauty and Nationai Parks and the Angus Giens!
- It has good wind speed even although it is not situated on the top of Finavon Hill.

Please support this wind turbine application.


Address: $\quad \begin{aligned} & \text { C BUGHItm TRE } \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \end{aligned}$

Mr Ed Taylor Planning Officer， Angus Council Planning Department County Buildings

Market Street
Forfar
DD 3LG
Angus

Date： $14^{m} \operatorname{DEC}$
Application Ref：14／00827／FULL

Dear Mr Ed Taylor，
I am writing to express my unequivocal support for the Finavon Hill Estate single wind turbine application．It is such an important and exciting scheme for local business and it is vital that it goes ahead so as to safeguard existing and future jobs on the Estate．I strongly believe that the single turbines will not in any way detract from its surroundings and will not in any sense impact on my enjoyment of the area and this site is ideal for several reasons：
－It is a suitable distance from residential properties，a noise assessment has shown that residential amenity would be protected
－It is outside of protected landscape areas such as Areas of Outstanding Natural Beauty and National Parks and the Angus Glens！
－It has good wind speed even although it is not situated on the top of Finavon Hill．

Please support this wind turbine application．


Address：

$$
\begin{aligned}
& 19 \text { moos } \text { boo } \\
& \text { TakiN } \\
& \text { soRN } \\
& \text { FR } 77 \text { IF. }
\end{aligned}
$$

## KビCEIVED

16 DEC 2014
1く1Kい

Mr Ed Taylor Planning Officer， Angus Council Planning Department County Buildings

Market Street
Forfar
DD8 3 LG
Angus

Date： 24111 个
Application Ref：14／00827／FULL

Dear Mr Ed Taylor，
I am writing to express my unequivocal support for the Finavon Hill Estate single wind turbine application．It is such an important and exciting scheme for local business and it is vital that it goes ahead so as to safeguard existing and future jobs on the Estate．I strongly believe that the single turbines will not in any way detract from its surroundings and will not in any sense impact on my enjoyment of the area and this site is ideal for several reasons：
－It is a suitable distance from residential properties，a noise assessment has shown that residential amenity would be protected
－It is outside of protected landscape areas such as Areas of Outstanding Natural Beauty and National Parks and the Angus Glens！
－It has good wind speed even although it is not situated on the top of Finavon Hill．

Please support this wind turbine application．

Yours Sincerely，


に゙CCHMED
16 DEC 2014
心／Kl．

Address

$$
\begin{aligned}
& 17 \text { Baron Park } \\
& \text { ALYTH } \\
& \text { BlAre Gui ri: } \\
& \text { PM } 11 \text { gD: }
\end{aligned}
$$

Date:


Angus Council
Angus House
Orchardbank Business Park
Forfar
DD 1 AX

Dear Sir

We believe that the proposed Single Turbine on Finavon Hill Estate will provide a boost to the local economy by supporting businesses in Angus.

We are therefore writing to express our hope that, when reviewing the application from Finavon Hill Estate that Angus Council will consider the benefits that this project would bring to the local area and grant planning permission for the Finavon Hill Estate single turbine


## Angus Council <br> Angus House <br> Orchardbank Business Park <br> Forfar <br> DD8 1AX

Dear Sir,
Finavon Hill Estate Single Turbine proposal
We are writing to inform you that we fully support Finavon Hill Estate's application for a single wind turbine at Finavon Estate, Angus and believe that the project could provide a boost to the local economy by supporting businesses in Angus.

We wish to express our hope that the Angus Council will consider the benefits that this project would bring to the local economy when reviewing any decision.

A single turbine at Finavon Hill Estate would offer much-needed opportunities for local businesses to be part of the growing renewable energy industry.
"I support Finavon Estate's application for a wind farm at Finavon Estate, Angus. The project will bring a substantial boost to the local economy and will bring benefits for local community and businesses."
"I feel it is a good location for a single turbine to make use of wind which is a free resource. The Finavon Hill project will bring a much needed boost to local economy."
"I have examined the plans and strongly support the planning application which would maximise the use of local organisations like ours to develop a local supply chain." We the undersigned support Finavon Wind farm project and hope that Angus Council approves the application.

## Yours faithfully

Douglas Smith
GAP Group Limited.
J. © A. LAIRD LTD.

Lunanhead, Forfar, Angus DD8 3NQ

## READEMRES CORMReys

21.7.14

Angus Council
Angus House
Orchardbank Business Park
Forfar
DD8 1AX

Dear Sir,
We believe that the proposed Single Turbine on Finavon Hill Estate will provide a boost to the local economy by supporting businesses in Angus.

We are therefore writing to express our hope that, when reviewing the application from Finavon Hill Estate that Angus Council will consider the benefits that this project would bring to the local area and grant planning permission for the Finavon Hill Estate single turbine.

John Laird

Sales Manager

OUHOEE BRAMCH
Mid Craigie Road,
Dundes.
DDA 7RH
TEL 01382 4e8600
pal 01382448601
Emars 06001210 hoyline.co.uk แмมw. ixplimace, uk

Date:18th August 2014

Angus Council<br>Angus House<br>Orchardbank Business Park<br>Forfar<br>DD8 1AX<br>Dear Sir,

I David Grandison of Keyline Bullders Merchants wish to express support for the Finavon Estate Wind Farm and believe that the local area would stand to benefit greatly from the project.

We also feel that the supply chain opportunities would boost local businesses in the immediate area and also create benefits in the wider region.

Consequently we are writing to reiterate the support in this area for the project.

Yours sincerely,


Regional Sales Manager - Scotland North
Keyline Builders Merchants
Contract Merchanting Division
Dunkeld Road, Perth, PH1 3AA

M 07712878265
E david.grandison@keyline.co.uk

Date: 15/08/14

Angus Council
Angus House
Orchardbank Business Park
Forfar
DD8 1AX

Dear Sir,

We believe that the proposed Single Turbine on Finavon Hill Estate will provide a boost to the local economy by supporting businesses in Angus.

We are therefore writing to express our hope that, when reviewing the application from Finavon Hill Estate that Angus Council will consider the benefits that this project would bring to the local area and grant planning permission for the Finavon Hill Estate single turbine.

Yours Sincerely


Archie Clark
Managing Director

## AC117

Mr Ed Taylor Planning Officer, Angus Council Planning Department

County Buildings
Market Street
Forfar
Angus
Date: $18 \quad 1214$.
Application Ref: 14/00827/FULL
Dear Mr Taylor,

I would like to register my support for the Finavon Hill Estate single 500kW wind turbine. I believe that the project contains many preferable characteristics for a development of this type, including:

- The Finavon Hill Wind Turbine proposal will produce an alternative necessary form of income to safeguard the established shooting Estate which runs alongside the farming activity
- The project safeguards existing jobs on the Estate.
- In my opinion the Finavon Hill Wind Turbine proposal will not significantly reduce the amenity value of the area.
- I have looked at the photomontages of the wind turbines and I find their appearance within the landscape acceptable which gives support to the socio economic reasons supporting the project.
- Excellent opportunity for local contractors and suppliers to benefit from the project

This application for the reasons above should be supported and be granted approval.

Yours Sincerely,


Name:


Address:


Forfar


Mr Ed Taylor Planning Officer, Angus Council Planning Department

County Buildings
Market Street
Forfar
Angus
DD 3LG

Date: $/ 5 / 12 / 14$
Application Ref: 14/00827/FULL

## Dear Mr Taylor,

I have lived in this area for many years and in that time have seen the local shop, village hall, garage and hotel close through lack of population to support these facilities.

The creation of Finavon Hill Estate has led to 8 more family homes living and spending locally, some 300 visitors each season supporting Finavon Hotel, Peggy Scots restaurant and new store.

I fully support this application because the additional income from the wind turbine will lead to the continued development of Finavon Hill Estate to the benefit of the local community and its facilities.

Yours Sincerely,

Name: AThOLE FErguson
Address:

$$
\begin{aligned}
& \text { ACHARN, ROSEBANK LANE, } \\
& \text { FORFAR, } \\
& \operatorname{DP\& } 2 B E
\end{aligned}
$$

Mr Ed Taylor Planning Officer
Angus county Planning Dept.
Forfar
Angus
DD83LG
Nov 2014

Application Reference;14/00827/FULL

Dear Mr Taylor

We often visit Finavon only to marvel at the development of the estate over the years. It is now a successful business which continues to expand.
We are looking forward to the planning application being approved which will then allow the shooting lodge to commence, along with other developments which will the guarantee the future of the Estate.

Yours sincerely


Signed


Name and Address
Bernard) KEndall


Mr Ed Taylor Planning Officer， Angus Council Planning Department<br>County Buildings<br>Market Street<br>Forfar<br>Angus<br>DD 3LG

## Date：

Application Ref：14／00827／FULL

## Dear Mr Taylor，

I have lived in this area for many years and in that time have seen the local shop， village hall，garage and hotel close through lack of population to support these facilities．

The creation of Finavon Hill Estate has led to 8 more family homes living and spending locally，some 300 visitors each season supporting Finavon Hotel，Peggy Scots restaurant and new store．

I fully support this application because the additional income from the wind turbine will lead to the continued development of Finavon Hill Estate to the benefit of the local community and its facilities．

Yours Sincerely，

Name：

CADItME

FoRFAR
$D D 8$
ロレ守

Date: $15 / 12 / 14$
Application Ref: 14/00827/FULL

## Dear Mr Taylor,

I travel on a regular basis up to Aberdeen and beyond and have seen many turbines erected on top of hills which can be seen for miles, so I fail to see how a single turbine not on top of a hill can be an issue.

The application is a joint venture of two local companies and therefore the income generated will invariably be spent locally to the benefit of Angus.

I fully support this application.
Yours Sincerely

Name: D $R$ MURRAY
Address: 2 Claypoits TCE
BRowury FEMAY

$$
\begin{aligned}
& \text { DRowsy rAMA } \\
& \text { Du.vDEE DD } \\
& \text { D }
\end{aligned}
$$

Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings

Market Street
Forfar
Angus
DD 3LG
Date: $15-12 \cdot 2014$
Application Ref: 14/00827/FULL

## Dear Mr Taylor,

I would like to register my support for the Finavon Hill Estate single 500 kW wind turbine. I believe that the project contains many preferable characteristics for a development of this type, including:

- The Finavon Hill Wind Turbine proposal will produce an alternative necessary form of income to safeguard the established shooting Estate which runs alongside the farming activity
- The project safeguards existing jobs on the Estate.
- In my opinion the Finavon Hill Wind Turbine proposal will not significantly reduce the amenity value of the area.
- I have looked at the photomontages of the wind turbines and I find their appearance within the landscape acceptable which gives support to the socio economic reasons supporting the project.
- Excellent opportunity for local contractors and suppliers to benefit from the project

This application for the reasons above should be supported and be granted approval.

Yours Sincerely,


Name: DEREK FINDLAY
address: $1 d$ Dundee Street

$$
\begin{aligned}
& \text { LATHAM } \\
& \text { ArGus } \\
& D D 8 \& P Q
\end{aligned}
$$

Mr Ed Taylor
Planning Officer
Angus county Planning Dept.
Forfar
Angus
DD83LG
Nov
2014

## Application Reference; 14/00827/FULL

## Dear Mr Taylor

We often visit Finavon only to marvel at the development of the estate over the years. It is now a successful business which continues to expand.
We are looking forward to the planning application being approved which will then allow the shooting lodge to commence, along with other developments which will the guarantee the future of the Estate.

Yours sincerely

Signed

Name and Address


Rishtion
Qnocrbura
RFILHF

# Haughs of Finavon Farmhouse 

Forfar
DD8 3QF
Friday $17^{\text {th }}$ October 2014

## Dear Sir Madam

## Re: Application for Wind Turbine on Finavon Hill

I understand an application has been made in respect of the above by Mr Jeffrey Sanderson, Finavon House, Finavon Hill, Finavon

Living on the West side of Finavon Hill at the Haughs by the River South Esk, the turbine would only be about half a mile from us

I have 3 children aged 10 to 17 and have no objection, nor know of any medically sound evidence as to why this application should be refused.

Finavon Estate provides valuable income to the local area and this turbine would ensure its continued viability

There are several single turbines in the area, presumably with planning permission and fail to see why this application should be treated any differently.

With Best Wishes


Dr Helen Murrie Mb ChB, MRCGP
GP partner, Castlegait Surgery, Momtrose
Primary care Cancer lead for Tayside

Mr Ed Taylor Planning Officer, Angus Council Planning Department<br>County Buildings<br>Market Street<br>Forfar<br>Angus<br>DD8 3LG

Date: $14 / 12 / 14$
Application Ref: 14/00827/FULL

## Dear Mr Taylor,

I have lived in this area for many years and in that time have seen the local shop, village hall, garage and hotel close through lack of population to support these facilities.

The creation of Finavon Hill Estate has led to 8 more family homes living and spending locally, some 300 visitors each season supporting Finavon Hotel, Peggy Scots restaurant and new store.

I fully support this application because the additional income from the wind turbine will lead to the continued development of Finavon Hill Estate to the benefit of the local community and its facilities.

Yours Sincerely,


Name: Had Comer

Address: 19 Brain Grown Fortran

Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings Market Street

Forfar
Angus
DD 3LG

Date: $16^{\pi^{2} 4}$ Dee $\operatorname{col} 4$
Application Ref: 14/00827/FULL

Dear Mr Taylor,
I travel on a regular basis up to Aberdeen and beyond and have seen many turbines erected on top of hills which can be seen for miles, so I fail to see how a single turbine not on top of a hill can be an issue.

The application is a joint venture of two local companies and therefore the income generated will invariably be spent locally to the benefit of Angus.

I fully support this application.


Name: $G_{1}$ Cecil
Address: 15 leseraces Plays
AREfentita Sur ci.

Mr Ed Taylor
Planning Officer
Angus county Planning Dept.
Forfar
Angus
DD83LG
Nov
2014

Application Reference;14/00827/FULL

## Dear Mr Taylor

We often visit Finavon only to marvel at the development of the estate over the years. It is now a successful business which continues to expand.
We are looking forward to the planning application being approved which will then allow the shooting lodge to commence, along with other developments which will the guarantee the future of the Estate.

Signed


Name and Address
Hi G. Danarad
 AU=


Mr Ed Taylor Planning Officer, Angus Council Planning Department<br>County Buildings<br>Market Street<br>Forfar<br>DD 3LG<br>Angus

Date: $23.11 \cdot 2014$
Application Ref: 14/00827/FULL

Dear Mr Taylor,

I would like to register my support for the Finavon Hill Estate single 500kW wind turbine. I believe that the project contains many preferable characteristics for a development of this type, including:

- The revised layout of a single turbine overcomes the concerns from the previous application in respect of residential amenity and landscape character.
- The wind turbine is not located within any ecologically designated areas.
- The project is Safeguards existing jobs on the Estate.
- Excellent opportunity for local contractors and suppliers to benefit from the project.
- The potential to support new local employment and encourage further capital investment in the Estate facilities.

On the basis of the points above I would urge the Council to approve the application.


Papainaray
AY FConFan

Mr Ed Taylor Planning Officer, Angus Council Planning Department<br>County Buildings<br>Market Street<br>Forfar<br>Angus<br>DD 3LG

Date:
Application Ref: 14/00827/FULL.

Dear Mr Taylor,
I have lived in this area for many years and in that time have seen the local shop, village hall, garage and hotel close through lack of population to support these facilities.

The creation of Finavon Hill Estate has led to 8 more family homes living and spending locally, some 300 visit tors each season supporting Finavon Hotel, Peggy Scots restaurant and new store.

1 fully support this application because the additional income from the wind turbine will lead to the continued development of Finavon Hill Estate to the benefit of the local community and its facilities.

Yours Sincerely,

Name:
Address:
NORTH COTTAGE
CALDHAME
FORFAR

DDS


Mr Ed Taylor Planning Officer, Angus Council Planning Department

County Buildings
Market Street
Forfar
Angus
DD8 3LG

Date: $\quad 15 / 12 / 14$
Application Ref: 14/00827/FULL

## Dear Mr Taylor,

I travel on a regular basis up to Aberdeen and beyond and have seen many turbines erected on top of hills which can be seen for miles, so I fail to see how a single turbine not on top of a hill can be an issue.

The application is a joint venture of two local companies and therefore the income generated will invariably be spent locally to the benefit of Angus.

I fully support this application.
Yours Sincerely,


Name: JTMES DTKES
Address: Gallowitill Cottage STRGTHMースRTNE
DUNDEE DD3 OPO

Mr Ed Taylor Planning Officer, Angus Council Planning Department<br>County Buildings<br>Market Street<br>Forfar<br>Angus<br>DD8 3LG

Date: $26 / 11 / 14$
Application Ref: 14/00827/FULL

## Dear Mr Taylor,

I have lived in this area for many years and in that time have seen the local shop, village hall, garage and hotel close through lack of population to support these facilities.

The creation of Finavon Hill Estate has led to 8 more family homes living and spending locally, some 300 visitors each season supporting Finavon Hotel, Peggy Scots restaurant and new store.

I fully support this application because the additional income from the wind turbine will lead to the continued development of Finavon Hill Estate to the benefit of the local community and its facilities.


Mr Ed Taylor
Planning Officer
Angus county Planning Dept.
Forfar
Angus
DD83LG
Nov 2014

Application Reference;14/00827/FULL

Dear Mr Taylor

We often visit Finavon only to marvel at the development of the estate over the years. It is now a successful business which continues to expand.
We are looking forward to the planning application being approved which will then allow the shooting lodge to commence, along with other developments which will the guarantee the future of the Estate.

Yours sincerely

signed $\times$ Board.


Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings<br>Market Street<br>Forfar<br>Angus<br>DD 3LG

Date: $\quad 14^{\alpha-}-12-014$
Application Ref: 14/00827/FULL

Dear Mr Taylor,
I have lived in this area for many years and in that time have seen the local shop, village hall, garage and hotel close through lack of population to support these facilities.

The creation of Finavon Hill Estate has led to 8 more family homes living and spending locally, some 300 visitors each season supporting Finavon Hotel, Peggy Scots restaurant and new store.

I fully support this application because the additional income from the wind turbine will lead to the continued development of Finavon Hill Estate to the benefit of the local community and its facilities.

Yours Sincerely,


Name: $\propto$. THAN
Address: 58, TAYlor SY. FORFAR DDS BLP

Mr Ed Taylor
Planning Officer
Angus county Planning Dept.
Forfar
Angus
DD83LG
Nov 2014

Application Reference; 14/00827/FULL

Dear Mr Taylor
We often visit Finavon only to marvel at the development of the estate over the years. It is now a successful business which continues to expand.
We are looking forward to the planning application being approved which will then allow the shooting lodge to commence, along with other developments which will the guarantee the future of the Estate.

## Yours sincerely

MR M. CLARKE


Name and Address
18 GeORGE SI RISHITON
NR BLACKBURN
LaNCASHIRE
$\mathrm{BBI} 4 \bar{O} F$.

Date:
Application Ref: 14/00827/FULL

## Dear Mr Taylor,

I have lived in this area for many years and in that time have seen the local shop, village hall, garage and hotel close through lack of population to support these facilities.

The creation of Finavon Hill Estate has led to 8 more family homes living and spending locally, some 300 visitors each season supporting Finavon Hotel, Peggy Scots restaurant and new store.

I fully support this application because the additional income from the wind turbine will lead to the continued development of Finavon Hill Estate to the benefit of the local community and its facilities.

Yours Sincerely,

Name: MくALLAN
Address: AUCHTERFORFAR

Mr Ed Taylor
Planning Officer
Angus county Planning Dept.
Forfar
Angus
DD83LG
Nov $16^{6} 2014$

## Application Reference;14/00827/FULL

## Dear Mr Taylor

We often visit Finavon only to marvel at the development of the estate over the years. It is now a successful business which continues to expand.
We are looking forward to the planning application being approved which will then allow the shooting lodge to commence, along with other developments which will the guarantee the future of the Estate.

Yours sincerely

Signed


Name and Address


Mancherle 1 Ca .
Nlansdan.
$H D T 6 \in T$.

Mr Ed Taylor Planning Officer, Angus Council Planning Department<br>County Buildings<br>Market Street<br>Forfar<br>Angus<br>DD 3LG

Date: 22.11-2014
Application Ref: 14/00827/FULL

## Dear Mr Taylor,

I fully support this application. If anyone should be looked on favourably in their application for a wind turbine it is Jeff Sanderson because of the contribution he has made over many years to the economic and employment development in Angus over the years. What would not be general public knowledge is the number of start-up companies that he advised and supported in Angus, including my own, most of which are now very successful.

Name:
Address:
PLOD
35 A ST JAMES RD
FORFAR
DD 8 I LN

Mr Ed Taylor
Planning Officer
Angus county Planning Dept.
Forfar
Angus
DD83LG
Nov 2014

Application Reference;14/00827/FULL

Dear Mr Taylor

We often visit Finavon only to marvel at the development of the estate over the years. It is now a successful business which continues to expand.
We are looking forward to the planning application being approved which will then allow the shooting lodge to commence, along with other developments which will the guarantee the future of the Estate.

Yours sincerely

Signed


Name and Address
Thur Clarke

## 2 coronation $S T$

GT. Harnuot
NR. BLACMENRN
Lands
BB G ISL.

Mr Ed Taylor Planning Officer, Angus Council Planning Department

County Buildings
Market Street
Forfar
Angus
DD 3LG

Date: $14 / 12 / 14$
Application Ref: 14/00827/FULL

## Dear Mr Taylor,

I travel on a regular basis up to Aberdeen and beyond and have seen many turbines erected on top of hills which can be seen for miles, so I fail to see how a single turbine not on top of a hill can be an issue.

The application is a joint venture of two local companies and therefore the income generated will invariably be spent locally to the benefit of Angus.

I fully support this application.

Yours Sincerely

Name: R. Burnet.
address: LODge Cut. Pemrsie, kirmervir

Mr Ed Taylor Planning Officer, Angus Council Planning Department<br>County Buildings<br>Market Street<br>Forfar<br>Angus<br>DD 3LG

Date: $24 / 11 / 4$
Application Ref: 14/00827/FULL

## Dear Mr Taylor,

I fully support this application. If anyone should be looked on favourably in their application for a wind turbine it is Jeff Sanderson because of the contribution he has made over many years to the economic and employment development in Angus over the years. What would not be general public knowledge is the number of start-up companies that he advised and supported in Angus, including my own, most of which are now very successful.

Yours Sincerely,


Name: SANDY I<yDi?
Address:


Forfar.
Di) 83 DN

Mr Ed Taylor
Planning Officer
Angus county Planning Dept.
Forfar
Angus
DD83LG
Nov 2014

Application Reference;14/00827/FULL

Dear Mr Taylor

We often visit Finavon only to marvel at the development of the estate over the years. It is now a successful business which continues to expand.
We are looking forward to the planning application being approved which will then allow the shooting lodge to commence, along with other developments which will the guarantee the future of the Estate.

Yours sincerely


Signed

Name and Address

$$
\begin{aligned}
& \text { STEPHEN VICKERY } \\
& 5 \text { BYRON SQUARE GT } \\
& \text { WR-BCACKBURN LANES } \\
& \text { BBC TIN }
\end{aligned}
$$

Mr Ed Taylor Planning Officer, Angus Council Planning Department

County Buildings
Market Street
Forfar
Angus
DD 3LG
Date: $1 / 4 / 12 / 14$
Application Ref: 14/00827/FULL

## Dear Mr Taylor,

I have lived in this area for many years and in that time have seen the local shop, village hall, garage and hotel close through lack of population to support these facilities.

The creation of Finavon Hill Estate has led to 8 more family homes living and spending locally, some 300 visitors each season supporting Finavon Hotel, Peggy Scots restaurant and new store.

I fully support this application because the additional income from the wind turbine will lead to the continued development of Finavon Hill Estate to the benefit of the local community and its facilities.

Yours Sincerely,


Name:
Address: 11 Hihliviow

> Beformonho

By Foinind. $D D 83 \mathrm{PN}$

Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings

Market Street
Forfar
Angus
DD 3LG

Date:
Application Ref: 14/00827/FULL

29 JAN 2015

## Dear Mr Taylor,

I have lived in this area for many years and in that time have seen the local shop, village hall, garage and hotel close through lack of population to support these facilities.

The creation of Finavon Hill Estate has led to 8 more family homes living and spending locally, some 300 visitors each season supporting Finavon Hotel, Peggy Scots restaurant and new store.

I fully support this application because the additional income from the wind turbine will lead to the continued development of Finavon Hill Estate to the benefit of the local community and its facilities.

Yours Sincerely,

Address: 97 Gukenf $P k$ CoOns TaRtAR

Dos ind

## RECEIVED

## Date:

Application Ref: 14/00827/FULL

## Dear Mr Taylor,

I have lived in this area for many years and in that time have seen the local shop, village hall, garage and hotel close through lack of population to support these facilities.

The creation of Finavon Hill Estate has led to 8 more family homes living and spending locally, some 300 visitors each season supporting Finavon Hotel, Peggy Scots restaurant and new store.

I fully support this application because the additional income from the wind turbine will lead to the continued development of Finavon Hill Estate to the benefit of the local community and its facilities.

Yours Sincerely,

Address: WESTERTON OF BALGAVIES
By Furfar
DDE 2 TG

Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings

Market Street
Forfar
Angus
DD 3LG

## Date:

Application Ref: 14/00827/FULL

## RECEIVED <br> 29 JAN 2015

Dear Mr Taylor,

I travel on a regular basis up to Aberdeen and beyond and have seen many turbines erected on top of hills which can be seen for miles, so I fail to see how a single turbine not on top of a hill can be an issue.

The application is a joint venture of two local companies and therefore the income generated will invariably be spent locally to the benefit of Angus.

I fully support this application.

Yours Sincerely,

Address:
11 em strega
Kifremuir
DOS oOF

Mr Ed Taylor Planning Officer, Angus Council Planning Department

County Buildings
Market Street
Forfar
Angus
DD 3LG

## Date:

Application Ref: 14/00827/FULL

## RECEIVED

29 JAN 2015

Dear Mr Taylor,

I would like to register my support for this application for a single 500 kW turbine.

Finavon Hill Estate's partner in this venture, Kilmac, I am pleased to say is a local engineering company that is developing the expertise in civil engineering to roll out this concept nationally to the benefit of job creation and income to Angus.

Yours Sincerely,

Address:


Lunanrleab
DDS $3 \times E^{-}$

## AC147

Mr Ed Taylor Planning Officer, Angus Council Planning Department County Buildings

Market Street
Forfar
Angus
DD8 3LG

Date:
Application Ref: 14/00827/FULL

## RECEIVED

29 JAN 2015

## Dear Mr Taylor

I have lived in this area for many years and in that time have seen the local shop, village hall, garage and hotel close through lack of population to support these facilities.

The creation of Finavon Hill Estate has led to 8 more family homes living and spending locally, some 300 visitors each season supporting Finavon Hotel, Peggy Scots restaurant and new store.

I fully support this application because the additional income from the wind turbine will lead to the continued development of Finavon Hill Estate to the benefit of the local community and its facilities.

Yours Sincerely,

Address: 2 Pitscandly Park Lunanhead DD8 3XE

## GrantKL

|  |
| :--- |
| Sent: $\quad 21$ October 2014 19:14 |
| To: $\quad$ PLANNING |
| Subject: $\quad$ Objection |
| Attachments: |
| I encinavon 67 m. docx |
| Finavon objection to planning application $14 / 00827 /$ Full -67 m turbine in field 450 m south of |
| House |

ルIKW

Glamis

Forfar

DD8 1UA

## Objection to application 14/00827/Full - 67m wind turbine in field 450 m south of Finavon House.

I object to the above planning application which is contrary to the Angus Local Plan.
The Ironside Farrar wind capacity study (also endorsed by SNH) sates that the area is not suitable for any turbines above the height of 50 m . This proposed turbine would be 34 per cent HIGHER than the recommended maximum.

The Ironside Farrar report was approved by the Development Standards Committee to be a material consideration in determining applications for wind turbines and supersedes previous advice.

In fact at a recent meeting of the committee Vice Convener Duff - cheerleader of turbines in Angus correctly pointed out that there was no point in producing and adopting the report if its recommendations were not enforced by the committee. I commend his statement.

Green Cat appears to be embarrassingly arguing that the application should be approved because the Council changed the goal posts of what was acceptable leading to a previous application being refused. That is absolute nonsense. The reason for refusal was that a hideous location had been chosen. That view was upheld by the Scottish Government Reporter.

I also stand in disbelief reading citations and trying to work out the motives of some local companies which have voiced support for the project (note the exact wording of some submissions). This wind turbine will not give employment to even one person after construction! The economical benefits are minimal compared to the serious affects on the landscape of the area.

This application should be speedily refused under delegated powers.

## Ray Gibson

## Comments for Planning Application 14/00827/FULL

## Application Summary

Application Number: 14/00827/FULL
Address: Field 450M South Of Finavon House Finavon Forfar
Proposal: Erection of a Wind Turbine of 40 metres to Hub Height and 67 m to Blade Tip and Ancillary Development
Case Officer: Neil Duthie

## Customer Details

Name: Mr Ray Gibson
Address: 8 Plans of Thornton Glamis Forfar

## Comment Details

Commenter Type: Member of Public
Stance: Customer made comments neither objecting to or supporting the Planning Application Comment Reasons:
Comment:Some of the identical letters of support for this planning application from selected businesses and employees defies belief and borders on being comical.
Let's take stock - this is a planning application for a single turbine which will not even provide employment for one person post constructruction. The applicants must be desperate to be associated with these representations.
If the future economy of Angus rests on this application being successful by all means approve it. Otherwise put these ridiculous letters to one side. Decide the application on its merits - which means seeing if it meets the criteria of the Local Plan. There is only one answer to that question. This nonsense must end.

PITSCANDLY FARM HOUSE FORFAR, ANGUS DD 3NZ

17 October 2014
Alk silicic
ANGUS COUNCIL
Planning Department
Forfar

- Tn ND.

BY HAND

Dear Sir,

Planning Application 14/00827/FULL
With reference to the above Planning Application I STRONGLY object to the application for a wind turbine on Finavon Hill near Forfar.

The area is of historic interest and a turbine of this size will negatively affect the whole of the neighbouring community.

1 understand from the Angus Plan that it was agreed Finavon Hill and its adjoining land was unsuitable for turbines and 1 therefore urge Angus Council to reject the application as soon as possible.
Yours faithfully

Jeremy Gigo

# PITSCANDLY FARM HOUSE FORFAR, ANGUS DD8 3NZ 

Tel: 01307465441

17 October 2014

ANGUS COUNCIL
Planning Department
Orchard Bank Business Park
Forfar DD8 1AX

$$
\begin{aligned}
& \text { Ack 2110114 } \\
& \text { REGEX } \\
& 21204 \mathrm{ND} \\
& \text { VKIKW }
\end{aligned}
$$

Dear Sirs,

## Planning Application 14/00827/FULL

With reference to the above Planning Application I object to the application for a wind turbine on Finavon Hill near Forfar on the following basis:

The proposed wind turbine site is on the historic hill of Finavon which has several early Pictish sites and is therefore of considerable national and international interest. I object to any turbines being placed on such a historic site.

Indeed, I am surprised that such an application has been made considering the Angus Plan made it clear that Finavon Hill and the adjoining hill are not suitable for turbines at all.

This area of Angus has a huge advantage over other areas as it is completely unspoilt with immense natural beauty to which many visitors are attracted to admire and enjoy. I do not think that a wind turbine would do anything but disfigure the County and this special area in particular.

The turbine would be seen for many miles, and I object to my local countryside being transformed into an eyesore.

This wind turbine application is yet again upsetting the local community and should be rejected outright.

Mrs Anon dow

# Planning Department 

Angus Council
County Buildings
Market Street
Forfar DD8 3LG
Angus

Dear Sirs

## FINAVON WIND TURBINE APPLICATION

 APPLICATION NUMBER 14/00827I object to the above named wind turbine application on Finavon Hill.

This is an area of outstanding beauty and tranquillity and we do not wish a turbine of this size ruining the scenery.

I was astounded to read of the application given the fact that a previous application on the same area has already been rejected. Additionally, the Angus Plan made it clear that this area of Angus is not suitable for turbines.

I fear that if this application was approved, it would open the flood gates for neighbouring landowners to also apply for wind turbines and this beautiful area of Angus would be ruined.

I hope Angus Council take these objections into account and rejects this application.

Yours sincerely


Heather Gow

$$
\|-l k w
$$

Pitscandly House
Forfar
Angus
17 October 2014

Angus Council Planning Department
County Buildings
Market Street
Forfar
DD8 3LG
Angus

Dear Sir
にlKW

FINAVON HILL WIND TURBINE PROPOSAL
APPLICATION NUMBER: 14/00827

I object in the strongest possible terms to this proposal.

- It is contrary to the Angus Plan which shows no turbines should be built in this area
- The visual appearance of the turbines will ruin the historic landscape and will deter people from visiting the area
- Driving on the B9134 will be unbearable if this turbine is built as it will be a huge distraction to drivers
- Another landowner in this area has been scoping for two years now for a large wind turbine farm and I am concerned that this application will open the flood gates to many such future applications.
- Given a similar application by the same applicant was rejected recently by The Scottish Government Reporter, I am astounded that another application has been made, particularly given the Angus Report on turbines which
shows Finavon and the surrounding area are not appropriate site for these turbines.

Please reject this wind turbine application.
Yours sincerely

Mr D J H Gow

## Comments for Planning Application 14/00827/FULL

## Application Summary

Application Number: 14/00827/FULL
Address: Field 450M South Of Finavon House Finavon Forfar
Proposal: Erection of a Wind Turbine of 40 metres to Hub Height and 67 m to Blade Tip and
Ancillary Development
Case Officer: Neil Duthie

## Customer Details

Name: Mrs Patricia Powell
Address: Broadlands Loanhead By FORFAR,

## Comment Details

Commenter Type: Member of Public
Stance: Customer objects to the Planning Application
Comment Reasons:
Comment:

Would you kindly note my very strong objection to the above planning application for a 67metre tall wind turbine to be constructed on Finavon Hill.

The proposed turbine is almost more than 56 feet ( 17 m ) taller than the recommended maximum limit of 50 metres for turbines in this location.

Therefore its height and prominence would have unacceptable landscape and visual impacts.

I consider that the size of the turbine has been chosen solely for monetary gain, totally ignoring the guidance in the Ironside Farrar report which states quite unequivocally that this area is not suited to turbines of more than 50 metres in height. As such the application is contrary to Angus Planning policies.

The application, somewhat strangely, includes numerous letters supporting this proposal, all from companies that have or might have business dealings with the applicant, but none of these can justify the imposition of yet another inappropriately sited, over-large wind turbine on Finavon Hill.

I urge you to refuse this planning application.

## Comments for Planning Application 14/00827/FULL

## Application Summary

Application Number: 14/00827/FULL
Address: Field 450M South Of Finavon House Finavon Forfar
Proposal: Erection of a Wind Turbine of 40 metres to Hub Height and 67 m to Blade Tip and Ancillary Development
Case Officer: Neil Duthie

## Customer Details

Name: Mrs Pearl Duddy
Address: Myrestone House Forfar

## Comment Details

Commenter Type: Member of Public
Stance: Customer objects to the Planning Application
Comment Reasons:
Comment:I would like to record my objection to the above application.
A previous application was refused by the Reporter to the Scottish Government on the basis that Finavon Hill is not a suitable site, also it would be contrary to the Angus Plan.

The arguments in support of the application cannot justify a granting of this application.

Surely the Ironside Farrar Report, which was approved by the Development Standards Committee, should be given consideration and cognisance given to the recommendations therein.

## Comments for Planning Application 14/00827/FULL

## Application Summary

Application Number: 14/00827/FULL
Address: Field 450M South Of Finavon House Finavon Forfar
Proposal: Erection of a Wind Turbine of 40 metres to Hub Height and 67 m to Blade Tip and
Ancillary Development
Case Officer: Neil Duthie

## Customer Details

Name: Mr John Oliphant
Address: Ivy Cottage Benzil Forfar

## Comment Details

Commenter Type: Member of Public
Stance: Customer objects to the Planning Application
Comment Reasons:
Comment:Having read the application and the supporting letters included in the correspondence 2 things come to mind.

1) If the Applicant wished support why did he not ask his supporters to make independent letters of support.
2) The fact that the Applicant has gone to his business suppliers would suggest that lack of support would mean the Applicant would not use these businesses in the future. Were the supporters coerced into this situation?

I am not a supporter of Wind Turbines for many reasons but the fact that a previous application for 3 Turbines by the same applicant was refused by the Scottish Reporter should have a bearing on this application ie refusal.

It is also an unsuitable area for wind turbines according to the Report commissioned by Angus Council and Angus Council promised to implement this report in full.

Please refuse permission for this application.

## Comments for Planning Application 14/00827/FULL

## Application Summary

Application Number: 14/00827/FULL
Address: Field 450M South Of Finavon House Finavon Forfar
Proposal: Erection of a Wind Turbine of 40 metres to Hub Height and 67 m to Blade Tip and Ancillary Development
Case Officer: Neil Duthie

## Customer Details

Name: Mrs Susan Oliphant
Address: Ivy Cottage Benzil Forfar

## Comment Details

Commenter Type: Member of Public
Stance: Customer objects to the Planning Application

## Comment Reasons:

Comment:I strongly urge members of Angus Council to refuse permission for this wind turbine. It is contrary to the very report which Angus Council has stated it would uphold as the height is 67 m to tip and not under 50 m to tip. It is also adjacent to an area which is designated as being unsuitable for any wind turbine capacity (Finavon Hill) and next to a previously refused application by the Scottish Reporter for 3 turbines (again Finavon Hill). Reading the application from the Developer and the supporting correspondence it would appear that many businesses in the area are reliant on the construction of this ONE turbine to ensure their business future.

Councillors please apply the Ironside Farrar report as you have promised to do.

## AC157

Broadlands， Loanhead， Forfar， Angus， DD8 1XF

Head of Planning \＆Transport， County Buildings， Market Street， Forfar，


23／10／14

DD8 3LG
Ref：Application 14／00827／FULL Finavon House 67 m turbine．

Dear Sir，
I must object in the strongest terms to this application and the way in which it has been presented．

Application 14／00827／FULL was received on 26／09／14 and validated 07／10／14．However， the documentation was not made public on the Angus Council planning web－site until 16／10／14，just one day before the standard notification in the Courier，and then only after my second email to Planning enquiring about the absence of documentation．One must ask whether this documentation would have been made public at all had this request not been made．

This delay significantly reduced the opportunity for the public to study what emerged as extremely bloated documents，containing key misrepresentations．

The attempted justification for this application is claimed as
＂．．gross reduction of 67.5 m in tip height and 59 m in hub height．．．．．＂
based on earlier discussions with planning officers and scoping proposal 13／00685／EIASCR for three 74 m turbines together with a single 77 m turbine of 23／07／13．This application was determined on 18／09／13．（Environmental Report－Preface，para 3）

The 74 m turbine locations were the same as proposed in application 12／00002／EIAL for three 99.5 m turbines，subsequently refused by the Reporter．

Much of the current proposal is based on the consideration shown by the applicant in this major reduction in size．

However，it must be noted that the claims made regarding 13／00685／EIASCR are a misrepresentation of the facts．This application was for just three 74m turbines and did not include a 77 m turbine．There is no mention of a 77 m turbine at this point and only three turbines are shown on the map associated with the application notes．

A scoping application for a single 67 m turbine (13/00948/EIASCR) was validated on 11/10/13, some three weeks after the scoping application for three 74 m turbines had been determined. The proposed location of that turbine was the same as the current application.

## It is a matter of some concern that the record of this scoping application has now completely 'disappeared' from the Angus Council web-site.

Therefore it must be recognised that the current application relates only to the scoping application for a 67 m turbine and has absolutely no relation to the earlier bids for 99.5 m and 74 m turbines.

The claim in Section 3.2.2 (p22) that :
"...measures taken to ensure compliance with the policy include reducing the scheme to a single turbine, (from three turbines), moving the single turbine off the ridgeline, resulting in a 35 m lower elevation....."
is patently not true. The original scoping application for a 67 m turbine was in exactly the same location as the current application and was never on the ridgeline.

Any comparison with size or height is therefore utterly meaningless and there is no value in considering this matter any further.

The Ironside-Farrar Strategic Landscape Capacity Assessment Wind Energy in Angus report, produced in conjunction with SNH, made recommendations on the suitability of parts of Angus for the location of wind turbines, grouped by size etc.

The Tay 12, Forfar Hill sub-area is defined as having :
"...higher visual sensitivity and complex, modest scale landforms..."
Within this area a maximum height of 50 m is recommended,....avoiding skylines or breaking the sky-line.

## The proposed turbine of $\mathbf{6 7 m}$ is $\mathbf{3 4 \%}$ taller than the recommended maximum height!

Even the applicants own photomontage in Figure 5.7 (p40) shows the extent to which the current application breaks the skyline.

In photomontages (Figure 5.9,p42) presented with the aim of showing compliance with SNH guidelines, there are further errors. This image takes the base of the hill as the edge of the road instead of the first line of trees which are at the same eye-level, and take the height of the hill as the highest point instead of the point behind the turbine, giving an incorrect ratio. However, even this is misleading since the difference in elevation between the viewpoint and the top of the rise behind the turbine is 143 m . Thus the turbine is $47 \%$ of the difference in elevation rather than the SNH $33 \%$ guideline.

However this recommended maximum height applies to the wider area. Close inspection of the map (Figure A, page 11) shows Finavon Hill as:

[^3]While the definition of the map is not as clear as could be hoped, the map leaves little doubt that this area is not suitable for turbines.

If that were not sufficient argument, para 6.2 .4 (p22) explains:
"The capacity assessment for some generic LCTs does not cover the variation found between or even within individual LCAs of that type. This is usually because of one or two key landscape factors which partially overnide the characteristics including:

- Close proximity to other more sensitive neighbouring LCAs which would be significantly affected by wind energy proposals otherwise suitable for the LCT.

In other words, even if the proposed location were just outside the area of 'no inherent capacity', its proximity to that area would mean that it has little or no capacity for turbines.

Finally, in this context, Local Plan Policy ER34 states quite clearly that:
"There will be no unacceptable adverse landscape and visual aspects having regard to landscape character, setting within the immediate and wider landscape, and sensitive viewpoints."

I submit that this application fails on all points.

Claims for economic and ecological benefits in para 1.3 are very questionable.
" ..estimate that the turbine likely to annually generate approx
1,800MW/hr..average consumption 4,187 household....power for 430 homes."
This assumes an average capacity factor of $41 \%$, whereas the average UK factor is 25\%

The average household consumption for Scotland is about 5,500 , Angus $5,800 \mathrm{~kW} / \mathrm{hr}$ based on DECC 2011 regional tables. Given these discrepancies, the equivalent number of Angus homes would reduce to 190. There is a point at which the downside of an application outweighs claimed benefits.
(Any possible confidence in the contents of the 'Socio-Economic Impact Assessment' disappears when this consultant's report claims that the output would be the equivalent of 545 homes!!!!
But then, the longer the title, the higher the cost)
Claims for carbon saving of 5,900 tonnes and CO2 saving of 21,800 tonnes cannot be substantiated. DECC has admitted that no audited analysis of savings has been made. This totally unproven 'justification' should be discarded immediately.

Para 3.3 (p28) makes the point :
"The revised development has reached the point at which in further reductions in elevation or turbine size would have a dramatic impact on......viability of development"
Since Feed In Tariffs were reduced by 20\% in April '14, by a further 10\% in October, with the possibility of a further 20\% reduction next April, would it not be more sensible to withdraw this application entirely.?
"Live Example (June-Sept 2013)
.....Kilmac recruited a total of nine apprentices/work experience positions.. .."

Very commendable, but no indication of full-time, paid employment nor any explanation of how this relates to the proposal to dump an industrial cash cow (sorry, turbine) on an, as yet, unspoiled landscape.

While the benefits to the landowner are stressed but not enumerated (a 0.5MW turbine at $41 \%$ capacity factor at current FIT rates would attract approximately revenue of $£ 325 \mathrm{k}$ pa, of which $£ 240 \mathrm{k}$ is subsidised by electricity consumers in the form of FIT surcharge) there is no hard indication of continuing full-time local employment opportunities.

Turbine maintenance is unlikely to exceed 10 days p.a. at most - unless it's a lemon.
Green Cat claim (p30) that approximately $£ 270 \mathrm{~K}$ ( $45 \%$ of $£ 600 \mathrm{~K}$ ) would be spent in the UK during construction - about the level of the first year FIT surcharge subsidy. Little opportunity for local employment during construction.

The 'Socio_Economic Impact Assessment' (SEIA) in its grand title 'Executive Summary' claims, among 'Construction Impacts' the creation of ' 2 net PYE jobs' and among the 'Operational/Maintenance Impacts' the creation of '1 net PYE jobs'.

What it fails to mention here is that the ' 2 net PYE jobs' is the sum of all 'estimated' days spent on construction and maintenance over the $20-\mathrm{yr}$ project converted to equivalent annual posts. Bearing in mind that the bulk of this will be at the start and the majority will not be local, the remaining employment opportunities will be minute. However, there is a serious discrepancy here between the SEIA evaluation and the indicative construction programme employment plan.

The Green Cat/Kilmac construction program (p14) indicates a gross total of 264 man/days.
The SEIA quotes a level of ' 2 net PYE jobs' which, over the 20 yrs, equates to 10,000 man/days.

No justification or explanation is given for the remaining '1 net PYE jobs' among the 'Operational/Maintenance Impacts', but 'it could include ....insurance costs'.! Again, this equates to the equivalent of 2,500 man/days over 10 years.

What trust can one place in documents with discrepancies of this magnitude?

Catalytic Activity - Safeguarded and New Activity....
Absolutely no meaningful or credible explanation given - wishful thinking.
There is nowhere a clear explanation of how a single de-rated* (to exploit FIT rates) turbine will bring meaningful economic benefit to anyone other than the applicant.

Basically this application can be reduced to the offer:
"I was going to hit you with a big stick so I know you will be happy if I only use a club!"
This is not the first turbine application which uses the tactic of comparing a new application with a significantly larger (often abortive or refused) scheme, sometimes a Trojan horse, in order to cajole a council into believing that the new scheme is far more acceptable.

The only acceptable approach is zero-budget based - no comparison with any previous application - each application must start anew.

I urge Angus Council to refuse this application.
Yours faithfully

D.R.Powell

* http://www.spectator.co.uk/features/8766481/the-great-british-wind-scam/


## AC158

## Comments for Planning Application 14/00827/FULL

## Application Summary

Application Number: 14/00827/FULL
Address: Field 450M South Of Finavon House Finavon Forfar
Proposal: Erection of a Wind Turbine of 40 metres to Hub Height and 67 m to Blade Tip and Ancillary Development
Case Officer: Neil Duthie

## Customer Details

Name: Mr and Mrs CG and MJL Tannock
Address: Tannadyce House Finavon By Forfar

## Comment Details

Commenter Type: Member of Public
Stance: Customer objects to the Planning Application
Comment Reasons:
Comment:We object strongly to this application on the following basis:
(1) According to the 'Strategic Landscape Capacity Assessment for Wind Energy in Angus' Report conducted by Ironside-Farrar (March 2014) the area on which the turbine is to be sited, namely Finavon Hill, appears to be of' 'no inherent capacity for wind power generation.' This is with specific reference to the map on page 11 (fig A). We presume that, having had this report commissioned, full consideration of its findings will be taken into account when considering the application.
(2) Finavon Hill itself is of significant historical interest being the site of both hill forts and Pictish settlements and the access road and turbine site itself must surely compromise the setting of these important features of our past history.
(3) Despite assurances that this turbine would be below the skyline this would not appear to be the case, having performed calculations on the basis of the map which form part of the application. Indeed it would appear that the majority of the turbine will be highly visible directly from our house. We are frankly disturbed that this is the third application of this kind for wind turbines on the Finavon Hill area and would question how many times such applications can be submitted with apparently minor modification following previous applications being refused.
We respectively submit the above for your consideration.

## Comments for Planning Application 14/00827/FULL

## Application Summary

Application Number: 14/00827/FULL
Address: Field 450M South Of Finavon House Finavon Forfar
Proposal: Erection of a Wind Turbine of 40 metres to Hub Height and 67 m to Blade Tip and
Ancillary Development
Case Officer: Neil Duthie

## Customer Details

Name: Mr David Beattie
Address: Learig Oathlaw Forfar

## Comment Details

Commenter Type: Member of Public
Stance: Customer objects to the Planning Application
Comment Reasons:
Comment:I wish to object to the above planning application for a 67 mwind turbine at Finavon Hill. An appliation on the site directly adjacent to this one was refused by the Scottish Reporter. The area was designated as unsuitable for any wind turbine
I fail to see how, by minimally reducing the height and moving the installation a few yards along the hill, this application differs from the former.
The proposal contravenes both Loal Plan Policy ER34 and Angus Planning Policies.
The photo montage cannot be credited as having any value, given that it is not representative of scale and distance and any suggestion that the local area will benefit in terms of employment opportunities is quite frankly laughable. The only benefit will be the enormous subsidy paid to the land owner.
Quite frankly, it would be very nice to enjoy our home and the beautiful landscape as it currently stands without repeated attempts to ride rough shod over planning processes and legislation.

## Comments for Planning Application 14/00827/FULL

## Application Summary

Application Number: 14/00827/FULL
Address: Field 450M South Of Finavon House Finavon Forfar
Proposal: Erection of a Wind Turbine of 40 metres to Hub Height and 67 m to Blade Tip and
Ancillary Development
Case Officer: Neil Duthie

## Customer Details

Name: Mrs Gail Macfarlane
Address: Learig Oathlaw Forfar

## Comment Details

Commenter Type: Member of Public
Stance: Customer objects to the Planning Application
Comment Reasons:
Comment:I wish to strongly object to the above proposal on the following grounds
1 It clearly contravenes Local Plan Policy ER 34 which quite clearly states "There shall be no unacceptable adverse landscape and visual aspects having regard to landscape character setting within the immediate wider landscape and sensitive viewpoints.
2. This is the fourth such proposal for Finavon HIII and its immediate vicinity, previous application having been refused by the Sottish Reporter.
The height of the proposed turbine is greater than 50m - contravening Angus Planning Policies. As my main living areas and garden face south, the photo montage from Bogindollo is of great interest to me.
It should be noted that the photo montage submitted in support by the applicants, clearly states that it is not a representation of sale and distance - so we can discount that as a true indicator of the visual impact of any turbine on the surrounding area.
How many times are householders in this area to be subjected to repeated re-applications for such an installation on this site, which I might add, have nothing to do with green energy and everything to do with being a cash cow for the land owner and the 'energy' company.
I fully endorse all other points of objection made by other members of the public with regard to application 14/00827/FULL

## Comments for Planning Application 14/00827/FULL

## Application Summary

Application Number: 14/00827/FULL
Address: Field 450M South Of Finavon House Finavon Forfar
Proposal: Erection of a Wind Turbine of 40 metres to Hub Height and 67 m to Blade Tip and Ancillary Development
Case Officer: Neil Duthie

## Customer Details

Name: Mrs Gail Macfarlane
Address: Learig Oathlaw Forfar

## Comment Details

Commenter Type: Member of Public
Stance: Customer objects to the Planning Application
Comment Reasons:
Comment:I too note with disbelief the sudden influx of letters of support for a wind turbine at
Finavon Hill from Dundee, BroughtyFerry, Monifieth, Arbroath, Kirriemuir, St Andrews, Kinnaird, Alyth, Blairgowrie, Inchture, Perth, Cortachy and even as far afield as Australia!
These 'supporters' have two things in common:

1. It is astonishing that people from such diverse backgrounds and locality have managed to articulate their support for this project in identical language and format (I counted six variations on the theme) - which would lead one to believe they have been issued with a template letter as part of an organised venture on the applicant's behalf.
2. Not one of them resides in the immediate vicinity, so therefore, they will all, without execption be untroubled by the change to the landscape, the potential effect on property prices or the well documented negative impact on health to those unfortunate to live nearest the site.
I, however, will have to look at this turbine from all the windows of the main living areas and garden of my home and others, who are even less fortunate will find themselves completely overshadowed by it.
The main consideration must be whether or not it contavenes the local plan - it does. The Scottish Reporter has already deemed the site unsuitable - as a ratepayer in Angus, I would like to be afforded the same luxury as the numerous 'supporters' of this venture, namely to be able to enjoy living in my home without the constant threat of similar repeaterd applications. It is no coincidence that all the INDIVIDUAL objections are from people who will have to live with this for the next 25+ years.
I do not wish Angus Council to incur unnessesary expense sending me a letter through the post confirming my comments - an email will suffice.

## Comments for Planning Application 14/00827/FULL

## Application Summary

Application Number: 14/00827/FULL
Address: Field 450M South Of Finavon House Finavon Forfar
Proposal: Erection of a Wind Turbine of 40 metres to Hub Height and 67 m to Blade Tip and Ancillary Development
Case Officer: Neil Duthie

## Customer Details

Name: Miss Valerie Macfarlane
Address: Crossroads Cottage Little Brechin Brechin

## Comment Details

Commenter Type: Member of Public
Stance: Customer objects to the Planning Application
Comment Reasons:
Comment:I wish to object to this proposal.
My understanding is that this site was designated as unsuitable for any type of wind turbine, by none other than the Scottish Reporter.
Angus is an area of outstanding beauty and it would be criminal if our council were to capitulate to these repeated resubmissions and the area were to be littered with concrete hardware as is the case in some neighbouring authorities.
Surely if the Sottish Reporter deems the area unsuitable, that should be the end of the matter does NO not mean NO?

## AC162

## Comments for Planning Application 14/00827/FULL

## Application Summary

Application Number: 14/00827/FULL
Address: Field 450M South Of Finavon House Finavon Forfar
Proposal: Erection of a Wind Turbine of 40 metres to Hub Height and 67 m to Blade Tip and Ancillary Development
Case Officer: Neil Duthie

## Customer Details

Name: Mrs Margaret Nesbitt
Address: Lindifferon House Lindifferon Cupar

## Comment Details

Commenter Type: Member of Public
Stance: Customer objects to the Planning Application
Comment Reasons:
Comment:I write to strongly object to the above planning application and my reasons are as follows:

1. Damage to Landscape Character.

As a regular visitor to Angus, I am very concerned that the rural charm of the landscape around historic Finavon Hill as a natural asset which attracts many of visitors from all over the world must be protected. Indeed a turbine of this size would compromise the landscape character of the historic Town of Forfar and the pretty village of Luanhead.
2. Economic Damage.

Many of the employment opportunities in the Angus area are in the Tourism Industry, particularly in the summer when visitors rent holiday properties for their vacations.
I am concerned that a wind turbine of this scale, if approved, will encourage others to apply for turbines and this beautiful hill will be ruined for ever and its amenities lost to future generations.
3 .Visual Impact
This proposed turbine would be visible for miles around and I am horrified that the Council would consider any applications in this area. Particularly considering the Angus Plan specifically noted that Finavon Hill and the escarpment were not suitable for turbines.
I urge the Council to protect this precious rural landscape and to reject this application as this is likely to lead to many applications for similar developments around this specific area. The cumulative visual impact would compromise the landscape character of this part of Angus forever.

## Comments for Planning Application 14/00827/FULL

## Application Summary

Application Number: 14/00827/FULL
Address: Field 450M South Of Finavon House Finavon Forfar
Proposal: Erection of a Wind Turbine of 40 metres to Hub Height and 67 m to Blade Tip and Ancillary Development
Case Officer: Neil Duthie

## Customer Details

Name: Mr Thomas Nesbitt
Address: Lindifferon House Lindifferon Cupar

## Comment Details

Commenter Type: Member of Public
Stance: Customer objects to the Planning Application
Comment Reasons:
Comment:I am writing this letter to object in the strongest possible terms against the proposal to build a wind turbine at Finavon Hill.
My objection is based on several issues.

1. Visual Impact

Firstly, the proposed erection of such a large turbine at Finavon Hill will have a dreadful impact on the visual amenity. People choose to live in the countryside for the beautiful views and tranquillity. There are no buildings of this magnitude in the area and such a structure would be an ugly scar on an otherwise beautiful area of Angus.
2. Amenity Value

A further impact will be caused by the scarring of the landscape during construction. This destruction of the landscape and its effects will last forever.
3. Impact on the Environment

This area of Angus is a haven for wild life. Migrating birds fly over and feed in this area en route to and from the Montrose Basin. As evidence points to the fact that birds unable to detect rotating turbine blades they risk being injured and/or killed.
Farmers and land owners who run commercial shoots are major businesses and employers of local people. A particular concern for them is the effect or the turbines on breeding game birds. Angus cannot afford to loose any jobs in this area of employment.
I am a regular visitor to Angus as I have family living close to the proposed site. I am very concerned about the effect this turbine will have on the area. I am very worried as often once one proposal is approved, it opens the flood gates for more applications in the same area resulting in this beautiful part of Angus being ruined forever by greedy landowners wanting to line their own pockets at the expense of the local community.
I hope you will take into account the above points when you are making your decision on this

AC163
planning application.

## Comments for Planning Application 14/00827/FULL

## Application Summary

Application Number: 14/00827/FULL
Address: Field 450M South Of Finavon House Finavon Forfar
Proposal: Erection of a Wind Turbine of 40 metres to Hub Height and 67 m to Blade Tip and
Ancillary Development
Case Officer: Neil Duthie

## Customer Details

Name: Mr andrew vivers
Address: 1 Access From ZU360-1 To Arniefoul Cottages, Arniefoul, Glamis, Angus DD8 1UD

## Comment Details

Commenter Type: Member of Public
Stance: Customer objects to the Planning Application
Comment Reasons:
Comment:I write to object based on the detrimental health effects this application will probably have on its turbine neighbours, based on my own experiences and the 5 reasons listed below.

The effects of Infrasound and Low Frequency Noise (ILFN) are cumulative, and individuals are affected by ILFN in different timescales, but the bottom line is that if you have a life threatening ailment, or are susceptible to one, and live near a wind turbine, then you chances of recovery are greatly diminished, whether you have signed a non disclosure agreement or not.

Cancer Clusters are now being observed around wind farms. There truly are Nae pockets in a shroud

Your pets and livestock could also be seriously affected.

Should this application be allowed, in the interests of public health, please ensure that ILFN monitoring before and after turbine erection is a required condition.

## 1. THE LINK BETWEEN VIBRO ACOUSTIC DISEASE (VAD) AND WIND FARM SYNDROME (WTS)

The peak frequencies emitted by wind turbines are below 5 Hz .
VAD is an acknowledged medical disease caused primarily by the frequencies of Infrasound (020 Hz ) and Low Frequency Noise ( $20-500 \mathrm{~Hz}$ ).
These frequencies are commonly grouped together as ILFN (0-500Hz). [1]

## AC164

Respiratory pathology induced by ILFN is not a novel subject given that in the 1960's, within the context of U.S. and U.S.S.R. Space Programs, its existence was being reported. [2] Central nervous system disorders in workers exposed to ILFN were first observed 25 years ago among aircraft technicians. Concurrently, respiratory pathology was identified in these workers, and later reproduced in ILFN-exposed animal models. [3]

In 1987, the first autopsy of a deceased VAD patient was performed. The extent of ILFN induced damage was overwhelming, and the information obtained is, guiding many of the associated and ongoing research projects. [4]

In both human and animal models, ILFN exposure causes thickening of cardiovascular structures.

Pericardial thickening with no inflammatory process, and in the absence of diastolic dysfunction, is the hallmark of VAD.

Depressions, increased irritability and aggressiveness, a tendency for isolation, and decreased cognitive skills are all part of the clinical picture of VAD.

In VAD, the end-product of collagen and elastin growth is reinforcement of structural integrity. This is seen in blood vessels, cardiac structures, trachea, lung, and kidney of both VAD patients and ILFN-exposed animals. This means that blood vessels can become thicker, thus impeding the normal blood flow. Within the cardiac structures, the parietal pericardium and the mitral and aortic valves also become thickened

When echocardiography, brain MRI or histological studies are performed, structural changes can be identified, all consistently show significant changes in VAD patients and ILFN-exposed animals.

Wind Turbines are known to emit a broad spectrum of ILFN frequencies, with peak frequencies at below 5 Hz .

In Portugal ILFN has been extensively researched, and occupational VAD symptoms have been grouped according to length of exposure during work hours.

Those living and working near wind turbines are obviously exposed to Infrasound 24/7. Exposure at night can often result in considerably sleep deprivation.

The detrimental health effects of sleep deprivation are well recognised medically.

The Hayes Mackenzie 2006 report which is often quoted by Government and Council officials gives a time to symptom chart for VAD. [5] The chart is shown below, and is based on occupational exposure to noise (ILFN).

## AC164

VAD symptoms
Stage 1 (Mild) 1-4 yrs: Slight mood swings; Indigestion; Heart burn; Mouth/throat infections; Bronchitis.

Stage 2 (Moderate) 4-10 yrs: Chest pain; Definite mood swings; Back pain; Fatigue; Fungal, viral \& parasitic infections; Inflammation of stomach lining; Pain and blood in urine; Conjunctivitis; Allergies.

Stage 3 Severe (10 + yrs): Psychiatric disturbances; Haemorrhages of nasal, digestive \& conjunctive mucosa; Varicose veins \& haemorrhoids (piles); Duodenal ulcers; spastic colitis; Decrease in visual acuity; Headaches; Severe joint pain; Intense muscular pain; Neurological disturbances.

Among the most serious consequences of untreated VAD are rage-reactions, epilepsy, and suicide.

As a rough calculation, without considering sleep deprivation, the time of symptom appearance for ILFN induced WTS should be the VAD time, reduced by a factor of around 4.2 (turbine neighbours who live and work near turbines, $24 \mathrm{hrs} \times 7$ days $\times 48$ working weeks $=8064$ hrs exposure per yr, assuming 4 weeks holiday away from turbines; occupational exposure, $8 \mathrm{hrs} \times 5$ days $\times 48$ weeks $=$ 1920 hrs exposure per yr. 8064 divided by $1920=4.2$ ).

Thus a 4yr VAD symptom exposure would manifest in 1yr for a WTS exposure, and a 10 year VAD symptom in 2.5yrs for WTS, which indeed appears to be the case.

IFLN induced WTS
Less than 1 yr: Headaches; Dizziness; Sleep deprivation; Haemorrhoids; Umbilical hernia; High blood pressure; Fatigue; Tinnitus; Vertigo; Poor concentration \& memory; Slight mood swings.

1-4 yrs: Nausea/seasickness; Panic attacks; Annoyance, anger \& aggression; Increased agitation of those with Autistic Spectrum Disorder and ADD/ADHD; Increased blood sugar levels.

4-10 yrs: Thickening of pericardium and blood vessel walls plus other soft tissue damage.

Many other chronic health problems are thought to be created or accelerated, probably by infrasound-induced increased levels of cortisol (which lowers our immune system).

On 5 Sept 2014, the Waubra Foundation wrote to NSW Planning Assessment Commission regarding the Gullen Range Wind Development [6]. This letter contains much important information regarding ILFN.

The facts are clear:

## AC164

1. Wind turbines emit ILFN, and can do so even when the blades are not turning.
2. ILFN is harmful to humans and other life forms, and can kill.
3. In the interests of Public Health, the Scottish Government and local Councils should immediately impose a condition on turbine applications that ILFN is measured before and after turbine erection.
4. ILFN monitoring should be a mandatory tool that is used to assess any reported health effects from turbines.

## References

1. http://www.ncbi.nlm.nih.gov/pubmed/17014895
2. http://www.ncbi.nlm.nih.gov/pubmed/17315094
3. http://www.ncbi.nlm.nih.gov/pubmed/16969569\&\#8232;
4. http://www.ncbi.nlm.nih.gov/pubmed/15273020
5. http://www.hayesmckenzie.co.uk/downloads/LF\ and\ Infrasound\ Noise\ Immission \%20from\%20Wind\%20Farms\%20and\%20the\%20Potential\%20for\%20Vibro\%20Acoustic\%20Dise ase\%20-\%20Malcolm\%20D\%20Hayes.pdf
6. http://waubrafoundation.org.au/wp-
content/uploads/2014/09/GRWF_WF_Submission_to_PAC_Final_Sept_2014.pdf

## 2. INFRASOUND BULLET POINTS

People with a blocked or anatomically small helicotrema (a narrow pathway in the cochlea of the ear) have an increased sensitivity to Infrasound and Low Frequency Noise (ILFN), as are those who are susceptible to car/sea/motion sickness.
The main resonant frequencies of a persons internal organs are below 5 Hz . The peak frequencies emitted by turbines are below 5 Hz . Earths resonance frequency is 7.83 hertz, exactly the same as the alpha waves of our brain (which controls our creativity, performance, stress, anxiety and immune system). The frequencies to which the various brain areas respond vary from 3 to 50 Hz , specifically: touch 9 Hz ; coordination 10 Hz ; sound 15 Hz ; subconscious thought 20 Hz; visual images 25 Hz .
Some people are sensitive to ILFN out to 30km from a turbine(s).
ILFN frequencies between 3 and 12 Hz cause Rapid Eye Movement (REM) sleep disruption and general sleep deprivation. This in turn can: increase mood swings (happy/violent); inhibit or modify dreams; make people depressed and/or apathetic. The detrimental health effects of sleep deprivation are well documented.
ILFN exposure can cause the body to secrete cortisol which increases blood pressure and blood sugar levels, and has an immunosuppressive action. A suppressed immune system will allow existing health problems to accelerate and make it easier for new ones to be created. The effects are worse if exposed to ILFN during sleep hours.
Our bodies try to protect vital organs from ILFN bombardment by laying down extra collagen, causing a thickening of the pericardium and blood vessel walls for instance, which will also

## AC164

increase the likelihood life threatening health problems.
The wavelength of ILFN at 1 Hz is 340 mtrs . 5 Hz is therefore 68 mtrs . The basic calculation for room wall dimension resonance is half the wavelength, but remember: an attic could extend the whole length of a house, thus if a house is 14 mtrs long, wall resonance could be caused by ILFN at around 12 Hz ; internal walls can be very thin and not form part of the house foundations; diagonal room measurement is also important. All this may help explain why infrasound is often more noticeable in the smallest room usually the cludgie (loo; often has an outside wall). Temperature inversion (temperature rising with height before cooling usually around dawn and dusk) can cause sound which would normally dissipate into higher atmosphere to be refracted down. The curve of this sound usually comes back to ground level at about 5 km distance from the turbine. If ILFN follows this pattern, it will join the other ground hugging infrasound, increasing the potential danger. ILFN does similarly bounce off cloud base etc.
Audible sound is emitted from turbines in a butterfly wing shape, with minimal noise directly downwind, upwind, right or left. Larger forewings are downwind. Infrasound may do the same. Turbines can emit ILFN even when the blades are not turning. A gentle breeze can cause the tower and/or blades to resonate.
Many people who believe they are suffering adverse health effects from wind turbines are hesitant to report their symptoms due to the manner in which their claims have often been discounted or ignored by the wind industry and government officials (Hansard, 2009, pp.G-516, G-547). Experts contend that the quantity, consistency, and ubiquity of the complaints constitute epidemiological evidence of a strong link between turbine noise, ill health, and disruption of sleep (BMJ2012; 344:e 1527).

Individuals should not have to prove the effect, only perceive it. Self reporting is an important tool in the process.
The World Health Organisation (WHO) considers a sleep journal as a valid tool for documenting sleep disturbance.
On 21 Jan 2013, the State of Wisconsin (USA) imposed a moratorium on industrial turbines until further health research is conducted.
On 7 Nov 2013, a Falmouth judge (USA) ordered local turbines to cease operating between 7pm and 7am and all day Sunday in order to avoid irreparable physical and psychological harm to local residents.

## 3. RECENT USES OF DIRECTED ILFN

The use of directed ILFN is a known weapon and interrogation aid. It is an untraceable murder weapon, as it leaves no evidence of its use on the victim.

ILFN becomes particularly deadly during the early morning sleep hours. This is when the body normally produces the lowest levels of Cortisol. Artificially stimulating Cortisol production during this time disrupts the bodys normal Cortisol production in the worst possible way. In effect, the sleeping body perceives infrasound as a threat and elevates Cortisol production to cope. Since one is asleep, the Cortisol is not used, and remains in the body, damaging life-essential body
functions.
Prolonged Cortisol production in our bodies eventually causes death. [1]

I understand that some of the recent uses of directed ILFN are:

Greenham Common, UK. 1984 (mostly women).

In the summer of 1984, more than 2,000 British troops suddenly pulled back, leaving the fence unguarded.
Peace activist Kim Besley recalls that as curious women approached the gate, they started experiencing odd health effects: swollen tongues, changed heartbeats, immobility, feelings of terror, pains in the upper body.
Besley found her 30-year-old daughter too ill to stand. Other symptoms typical of electromagnetic exposure included skin burns, severe headaches, drowsiness, post-menopausal menstrual bleeding and menstruation at abnormal times. Besleys daughters cycle changed to 14 days and took a year to return to normal.
Two late-term spontaneous miscarriages, impaired speech, and an apparent circulatory failure prompted the women to begin monitoring for a directed-energy beam, Using an EMR meter, they measured beams sweeping their camp at 100-times normal background levels. [2]
2. Iraq (2003 to present)

Very Low Frequency (VLF) weapons include the dozens of poppers and domes deployed in Iraq, which can be dialed to long wave frequencies capable of traveling great distances through the ground or intervening structures. As air force Lt Col. Peter L. Hays, Director of the Institute for National Security Studies reveals, Transmission of long wavelength sound creates biophysical effects; nausea, loss of bowels, disorientation, vomiting, potential internal organ damage or death may occur.
Lt Col Hays calls VLF weapons superior because their directed energy beams do not lose their hurtful properties when traveling through air to tissue. A French weapon radiating at 7 hertz made the people in range sick for hours.
Such variable effects have been known scientifically since 1963, when electromagnetics researchers Dr. Robert Beck found that exposure to certain frequencies sparks riotous behaviour, while other frequency beams can cause a sense of well-beingor deep depression.
The recovery rate from directed ILFN exposure among US troops (they tend to lose the plot, wander off and go AWOL) seems to be about a day or so, whereas the locals are not getting over it in less than a week or more on average. [2]
3. O2 plus the 2012 Olympics. London.

Long Range Accoustic Devices (LRAD) have been photographed at the O2, and were installed on the Thames during the 2012 Olympics. There is little doubt that these communication devices can also utilise ILFN for crowd dispersement. [3]

## AC164

4. Gaza (ongoing)

There are several reports of ILFN weapons (LRADs) being used by the Israel against Palestinians in Gaza. The combination of low frequencies at high intensities can create discrepancies in the inputs to the brain. Basically the brain receives a signal that your body has lost balance. You feel like you are tilting even when you are not. The discrepancies can cause headaches and nauseait simulates seasickness. [4]

## 5. Fukushima 2011

Directed ILFN at around 2.5 Hz can cause earth tremors, earthquakes, landslides, and will increase lightning (particularly in clouds formed on sprayed bevy metals). Watch the 7 min video here [5]. Since 2011 US military presence in Japan has increased considerably.
[1] http://www.darkgovernment.com/news/infrasound-stress-inducing-weapons/
[2] http://www.jimstonefreelance.com/beammed.html
[3] http://motherboard.vice.com/read/a-history-of-using-sound-as-a-weapon
[4] http://www.multistalkervictims.org/catchcanada/literature/brochure/CATCH/Scream_Article.pdf
[5] http://www.geoengineeringwatch.org/was-haarp-a-factor-in-the-fukushima-earthquake/

## 4. ARK HILL WIND TURBINES - ONE YEAR ON <br> ( $8 \times 80 \mathrm{~m}$ Enercon E48 turbines. Mar 20134 April 2014)

I live at Arniefoul which is 5 km East of the Ark Hill wind turbines and 1.6 km West of the proposed Govals wind turbines ( $6 \times 87 \mathrm{~m}$ turbines). The prevailing wind is from the West.

Ark Hill was commissioned on 5 March 2013 and at that time I started to have continuous headaches with some light-headedness and tinnitus. Further to this, I also started to suffer frequent sleep disturbance. When I awoke I could often hear the whooshing of the turbine blades. Assuming it was the audible sound that was disturbing me, I moved my bed further away from the window and slept with the window closed. This made no difference to my sleep deprivation usually being woken at around 3am until 5am. With the window closed I rarely hear the turbine noise, but I can sometimes feel their rhythm and therefore deduce that it is an inaudible noise (Low Frequency Noise and Infrasound) that is causing the lack of sleep.

In June 2013 I had two dizzy spells when out walking on the hills surrounding Arniefoul. It was at this time I noticed a correlation between the turbines, the wind direction and the above symptoms. My tinnitus became constant and on some nights extremely loud.

My symptoms appear to be worse when there is a Southerly wind. The Ark Hill turbines rotate clockwise and therefore it is probably an emission during the down stroke that creates the harmful effects. This suggests it may have little to do with the supporting structure and therefore an upwind or downwind design of turbine will make little difference.

## AC164

Surprisingly, the prevailing Westerly wind seems to cause slightly less symptoms than a Southerly wind. Turbine noise, however, is most audible when there is little prevailing wind at ground level and at treetop level, but sufficient wind at turbine blade area to turn the blades at a critical speed. In similar conditions to these, when there is an Easterly wind we can easily hear traffic on the A90, 5 km to our East, even though there is the huge bund of the Sidlaw Hills between us.

A North or East wind causes slightly less symptoms again, although should the Govals wind turbines be erected, I expect to suffer greatly from those turbines during these wind directions.

January and February 2014 were particularly bad months with predominately Southerly and Westerly winds causing much sleep deprivation, loud tinnitus, lack of concentration and irritability.

On 9 February 2014, I started recording my blood pressure morning and evening. It fluctuates considerably with a recorded high of 185/105. On 28 March for instance, after several days of Easterly wind, it was at a more acceptable 140/83. There appear to be correlations between wind, atmospheric and weather conditions.

Whilst my body may be building some form of resistance to the turbine noises (audible and inaudible) I also believe it is getting more sensitive in certain ways. I sometimes get my turbine headache out to at least 10 km from the turbines. Also, I have recently noticed I need to clear my ears more frequently, similar to going up in an airplane or scuba diving.

From 612 March we stayed near Tarfside, Glen Esk (currently no turbines near there). All my symptoms reduced noticeably, with my blood pressure reaching a low of 136/81.

An obvious option is to sell my property and move (where to?). My work is in the local area and therefore this is not really a business option. Nor is it an emotional option since my family has enjoyed being at Arniefoul for nearly a century.

I have heard of landowners with turbines who now regret having turbines on their land, yet are unable to speak out due to non disclosure clauses in their contracts with developers. Also, I suspect that there are many people living near wind turbines who suffer similar conditions to mine but who remain silent for fear of property devaluation, tenancy or employment concerns, and the like.

I am sure that should the Govals and Frawney ( $5 \times 80 \mathrm{~m}$, same make as Ark Hill and West Knock Farm, Buchan) wind turbines be erected, with Forfar and Letham being on the down-wind side, there will be people with similar sensitivity as myself who will suffer. Children are thought to be more sensitive to turbine noises than adults.

People sometimes say that I look well considering the symptoms I describe. I am reluctant to take drugs/medication, with their own potential side effects, when I do not believe they are treating the
root cause. I have always made considerable efforts to maintain a high level of fitness.

I understand that:
Low frequency noise and Infrasound (such as emitted by wind turbines) are sound waves that are felt by the body rather than heard, probably by the utricle. Depending upon the amplitude or intensity, it produces feelings of extreme discomfort, a feeling that the body is vibrating. Depending upon the frequency and intensity, infrasound can keep you awake, or induce sleep. Therefore, it can cause sleep deprivation.
Infrasound induces stress and causes the body to secrete the hormone Cortisol. This effect is a medically recognised danger of long-term infrasound exposure.
Cortisol, plays a vital role in preparing our body for stressful fight or flight episodes. It increases blood pressure and blood sugar levels, and has an immunosuppressive action that provides needed alertness and energy during stressful experiences. However, during long term stress, or if Cortisol production is prolonged, its effects on the human body can become severe. A weakened or suppressed immune system will allow existing health problems to accelerate, and make it easier for new ones to be created.
Exposure to infrasound during early sleep hours can be particularly harmful. This is when the body normally produces the lowest levels of Cortisol. This might explain my 3am awakening and subsequent wakefulness. Artificially stimulating Cortisol production during sleep means that the Cortisol is not used and remains in the body, potentially damaging essential body functions. A sound wave in air is a sequence of pressure changes. A sound wave in a liquid or solid is more like a vibration. This helps explain how Low Frequency Noise and Infrasound travel great distances and easily pass through solid walls, and can set up vibrations or resonances in rooms and body cavities.

There is well-documented and peer-reviewed evidence of the detrimental health effects that turbine emissions have on humans. It is unethical to expose people to something already suspected of being harmful.

Where is the Duty of Care?

Andrew Vivers
Arniefoul, Glamis, DD8 1UD
4 April 2014

Email from a Glamis Community Councillor - Received 5 April 2014
Dear Andrew
I am very surprised you suffer thus from the wind farm as we live closer and never notice such symptoms. Perhaps your tinitus is from your army career, as my tinitus is from my many youthful days loading on the grouse moor. If I was that ill i would not publicise the fact - what do you hope to achieve by such a leaflet?

## AC164

I am delighted Juliet is not mentioned in your catalogue of ailments, but you should have included a mention of your deteriorating mental state.

I suggest you should simply sell up and move, as the Govals wind farm will surely be much closer to you than Arkhill wind farm

Kind regards John
(note: John is a renewables energy consultant, ex director of Ark Hill Wind Farm, ex factor of Strathmore Estates [25\% ownership of Ark Hill], and a Glamis Community Councillor)

Addendum 14/4/14
A major achievement of distributing the above "Ark Hill - One Year On" leaflet, was that an acoustics engineer has come to stay for two nights.
I understand that:
There appears to be a correlation between my being woken and subsequent wakefulness, and peaks in low infrasound frequencies up to 3 Hz .
The peak frequencies emitted by turbines are typically less that 5 Hz . Our UK legislation on this matter, ETSU-R-97, is totally inadequate since it is only concerned with 'audible' noise, ie. above 20 Hz (few people can hear sounds below 20 Hz ).
The fact that we can not hear a sound does not make it any less harmful.

Audible sound attenuates (decreases in energy/volume) at a rate of minus 6 decibels (dB) per doubling of distance from the source. Infrasound attenuates at minus 3dB per doubling of distance, out to about 50km (which is probably why our Ministry of Defense has opposed wind turbine applications within 50 km of the Eskdalemuir Seismic Array). Also, infrasound tends to have more of a ground hugging nature and does not readily dissipate into the high atmosphere. This helps explain why the effects of infrasound are noticed at much greater distances than audible sound.

For humans, the annoyance threshold for audible sound is around 2dB. Interestingly, the annoyance factor does not then increase with increasing volume/energy.

Turbines can emit infrasound even if the blade is not turning. A gently breeze can cause the tower and/or blades to resonate and emit infrasound.

Depending on various factors, a single turbine can emit as much infrasound as a large wind factory. Ark Hill (8 turbines) for instance, was at times comparable to a 100+ turbine wind factory. The fact that industrial sized turbines emit Infrasound/Low Frequency Noise (ILFN) can not be disputed.
The fact that ILFN is harmful to humans can not be disputed.
There is ample peer-reviewed evidence from around the world that "proves beyond reasonable

## AC164

doubt" that wind turbine neighbours experience detrimental health effects.
The logical conclusion is that the ILFN emissions from turbines are causing the ill health, however, even if it is not, turbines should be dismantled until the cause is found and rectified.
The wind industry make claims similar to: 'Turbines are not known to cause harm to humans'. The above information must cast considerable doubt on their claims. Also, their statements are certainly not the same as saying "Turbines are known not to cause harm to humans" It is unethical to expose people to something already suspected of being harmful. I ask again, "Where is the 'Duty of Care'"?
3. WIND TURBINE SYNDROME (Excerpts from letters to my MSP)

Letter dated 27 April 2014\&\#8232;
Health concerns in Scotland are ignored because of a sentence, a mere aside in a bracket.
We are told by Angus Council that current Scottish Government guidance states there is NO EVIDENCEof turbine health effects arising from infrasound or low frequency noise generated by the wind turbines that were tested. [1]. This quote is from a bracketed sentence in that link which gives no direct reference to the actual Hayes Mackenzie 2006 report from which it took the information; a report that is EIGHT years old and during which time turbines in Scotland have grown considerably in number, height and capacity.
Reports of ill-health associated with turbines are now prolific around the world.
The Hayes Mackenzie 2006 powerpoint presentation Low Frequency and Infrasound Noise Immission (sic) from Wind Farms and the potential for Vibro-Acoustic disease [2] shows that Infrasound and Low Frequency Noise (ILFN) are emitted by turbines; it states that ILFN can be harmful to humans (known as Vibroacoustic Disease or VAD) and gives a time/symptom chart; it then concludes that it is UNLIKELY that symptoms will result through induced internal body vibration from incident wind farm noise.
This is definitely not the same as the Scottish Government quote above. UNLIKELY is not NO EVIDENCE.
I ask : are measurements independently and continuously taken of ILFN emissions by turbines in Scotland. Are they correlated with reported health effects?
Are we to understand that turbines in Scotland do not affect the local population, yet they do elsewhere in the world?
This report also states: Dr Mariana Alves-Pereira, in discussion with Dr Amanda Harry in the UK and Dr Nina Pierpont in the US, is now looking into the low- frequency noise and infrasound produced by industrial wind turbines to determine whether they too can cause VAD. Dr AlvesPereira's initial assessment, based on noise measurements taken inside and outside the homes of wind turbine neighbours, is that turbines are indeed a likely cause of VAD. Dr Pierpont named the effect as Wind Turbine Syndrome (WTS).
With regard to the VAD chart, the report makes a comparison between aircraft technicians, who may experience high levels of ILFN for short periods during their working day, and wind turbine

## AC164

neighbours who experience constant or intermittent and variable ILFN (the tower and/or blades can resonate and emit ILFN even when the blades are not turning). Added to this must be the additional factor for those who live and try to sleep near wind turbines, is that ILFN exposure, which disrupts sleep via repetitive physiological stress and wakening, will do damage to health via sleep deprivation and chronic stress (both of which are well-established in clinical medicine and in the research literature, as harmful).
The report did not produce a WTS chart which would have shown a reduced time of symptom appearance for turbine neighbours. See note 1.
WTS and peer-reviewed reports of the detrimental health effects of turbines have been ignored for up to 20 years, based on an inaccurate quote and an old document that was not directly considering industrial wind turbines.
\&\#8232;In another 2006 report by Hayes Mackenzie for the DTI, titled Measurement of Low Frequency Noise at Three UK Wind Farms [3] from which the powerpoint presentation is taken, the only conclusions it makes (pages $2,46 \& 66$ ), are based on one sentence from the World Health Organisation (WHO) document Community Noise (para 7.1.4 page 64) dated 1995, which itself is not directly concerning wind turbines. That WHO report is nearly TWENTY years old!! The recommendations (page 68) do not appear to have been acted upon. Also see note 2. I urge you to read this very informative article [4].
As I mentioned in my 4 April letter, ILFN causes the body to secrete cortisol which has an immunosuppressive action. A suppressed immune system will allow existing health problems to accelerate and make it easier for new ones to be created.!
I also understand that our bodies try to protect vital organs from ILFN bombardment by laying down extra collagen, causing a thickening of the pericardium and blood vessel walls for instance, which will also increase the likelihood life threatening effects.
ILFN should be added to the list of Silent Killers. Not everyone gets cancer - that doesnt make it any less real.
Scotlands wind energy policy is a slower, but no less effective version of the Highland Clearances of 1746 onwards. Properties are sterilised (Angus Council words) or banned from occupancy (Ark Hill); people are forced to relocate or possibly succumb to WTS and probable early death; and our turbine covered hills and glens are becoming desolate places where few people wish to visit or live.
May I refer you to the Kelley research from the 1980's which proved that wind turbine generated impulsive infrasound and low frequency noise from a single down bladed wind turbine directly caused annoyance symptoms at levels of sound energy which could not be heard. Also, Professor Salt's research shows some of the neuropsychological pathways involved [5].
Thank you for your continued interest and action. It is greatly appreciated by many thousands of people in Scotland and around the world, who for various reasons are unable to sell their property or relocate and are therefore forced to succumb to the detrimental health effects of WTS as a result of our futile energy policies, inaccurate quotations and outdated documentation.
Note 1. As a rough calculation (without considering sleep deprivation), the time of symptom appearance for WTS should be the VAD time reduced by a factor of around 4.2 (turbine neighbours who live and work near turbines, $24 \mathrm{hrs} \times 7$ days $\times 48$ working weeks $=8064$ hrs

## AC164

exposure per yr, assuming 4 weeks holiday away from turbines; technicians, 8hrs x 5days x 48 weeks $=1920$ hrs exposure per yr. 8064 divided by $1920=4.2$ ). Thus a $4 y r$ VAD symptom exposure would manifest in 1 yr for a WTS exposure, and a 10 year VAD symptom in $2.5 y r s$ for WTS, which indeed appears to be the case!
Note 2. Similarly, one wonders why ETSU-R-97 (The Assessment and Rating of Noise from Wind Farms) uses 35dBA L90 for all turbine locations when it is commonly accepted that typical daytime background noise levels are around 18 to 20dBA L90 in remote rural areas, 30 to 40 dBA L90 in typical or quite suburban areas, and 50 to 60dBA L90 for busy urban areas. Night time levels would be much lower.
http:// www.scotland.gov.uk/Resource/0044/00440315.pdf
2. http://www.hayesmckenzie.co.uk/downloads/LF\ and\ Infrasound
\%20Noise\%20Immission\%20from\%20Wind\%20Farms\%20and\%20the\%20Potential\%20for\%20Vi bro\%20Acoustic\%20Disease\%20-\%20Malcolm\%20D\%20Hayes.pdf
3. http://www.hayesmckenzie.co.uk/downloads/

Measurement\%20of\%20Low\%20Frequency\%20Noise\%20at\%20Three\%20UK\%20Wind\%20Farm s.pdf
4. http://blogs.telegraph.co.uk/news/jamesdelingpole/100248760/wind-farm-noise-a-government-cover-up/
5. http://waubrafoundation.org.au/2013/explicit-warning-notice/ and http:// www.windturbinesyndrome.com/2014/medical-school-research-team- confirms-wind-turbine-infrasound-can-produce-wind-turbine-syndrome- usa/?var=cna

Letter dated 8 July 2014
Thank you for your letter of 29 May and for sight of Derek Mackay's letter.\&\#8232;\&\#8232;He makes the assumption that a moratorium would lead to a resumption of this policy without any changes. I argue that the moratorium could lead to a cessation of this policy, or at least to a resumption with much tighter conditions and health protection which would include Infrasound (ILFN) monitoring.
Whilst the Scottish Government may chose to be unaware of "a peer reviewed, proven, widely experienced dose-response link between wind turbine operation and health impacts", may I refer him to: http://waubrafoundation.org.au/resources/wind-turbine- noise-adverse-health-effects-june2014/.
He makes reference to my "particular situation". I can assure him that there are many people around Scotland and the world who are suffering similar symptoms as myself but he may not have heard of them because:
they are too ill or already dead
they have not been give access to all relevant information, or have not yet made the connection between their deteriorating health and turbine emissions
if they have made the connection, they are unwilling to make a complaint due to employment, tenancy, property devaluation or other concerns, and indeed maybe their fear of being ridiculed if they have made the connection and voiced concerns and complaints, they have given up due to the manner in which their claims have often been discounted or ignored by the wind industry and

## AC164

government officials (Hansard, 2009, pp.G-516, G-547). Experts contend that the quantity, consistency, and ubiquity of the complaints constitute epidemiological evidence of a strong link between turbine noise, ill health, and disruption of sleep (BMJ2012; 344:e 1527) As I have mentioned before, I am not complaining about the audible noise from the Ark Hill turbines.
I am seriously complaining about the effects of the infrasound (ILFN) emissions from these turbines - which is not audible. These effects are cumulative, and therefore any visiting officer is unlikely to notice any effects.
The only way for any type of assessment of ILFN is to use good quality ILFN measuring equipment. As you will read in the addendum to my 'Ark Hill - One Year On' (attached), an acoustics expert came here in early April with suitable monitoring equipment and showed a direct time correlation with my being woken and subsequent wakefulness, and infrasound peaks at 3 Hz . A second monitoring box was placed much closer to the turbines and I am confident that the infrasound came from the turbines and not from some other anomaly that has only occurred since the turbines were erected. Please also see my 'Bullet Points' (attached).
The facts are clear:
Wind turbines emit ILFN, and can do so even when the blades are not turning.
ILFN is harmful to humans and other life forms, and can kill.
In the interests of Public Health, the Scottish Government and local Councils should impose a condition on turbine applications that ILFN is measured before and after turbine erection (for a period of a few weeks/months).
ILFN measurement should be a mandatory tool that is used to assess any reported health effects from turbines. This could show a direct time correlation between symptom and ILFN peaks. I hope this is of interest and that the correct action will be taken to protect public health.

Garden Cottage

$$
\begin{aligned}
& \text { PCSEandly, } \\
& \text { FORFAR. } \\
& \text { ANGIIS DD 8 } 3 N Z . \\
& =-11-14
\end{aligned}
$$

Planning Division
Angus Council
County Buildings
Market Street

## RECEIVED

Dear Sirs

## FINAVON WIND TURBINE APPLICATION APPLICATION NUMBER 14/00827

## - 6 NOV 2014

luke

Forfar

I strongly object to this application to erect a wind turbine on the very historic and beautiful Finavon Hill.

Are these power companies and landowners blind to the beauty of our historic countryside or are they just driven by greed and ignore the damage they cause to their communities? It is outrageous that these ugly towers can be inflicted on local agricultural communities.

This is a beautiful area of Scotland and a wind turbine of this size is totally inappropriate and Angus Council should reject it. It is astounding that such an application is being made given a previous application by the same party was strongly rejected by a Reporter from The Scottish Government.

This application is contrary to policies ER34, ER35 and the Angus Plan.

Please reject this application.

I look forward to hearing from you.

wester oathlaw farm
Oathlaw
by for for

DD 3 fa
4 Nov 2014

## RECEIVED <br> - 6 NOV 2014 <br> ll kw

Planning Department Angus Council Market Street Forfar DD8 3LG

Dear Sirs

FINAVON HILL WIND TURBINE APPLICATION NUMBER: 14/00827

1 write to Angus Council to object to this wind turbine being erected on Finavon Hill.

1 do not want the beautiful countryside destroyed by the development of this turbine nor do I want wildlife habitats disturbed due to financial greed. The visual impact will be immense for many miles around.

1 am concerned about the noise level for those living within 2 km of the proposed wind turbine and also the flicker effect which 1 understand is another possible negative side effect.

It seems that this application is contrary to both policies ER35 and ER34. In addition, a similar application on the same hill was recently rejected by a Reporter from The Scottish Government. Please reject this application. Thank you.

Yours faithfully


## L. LEARMONTH

Wester Opiblaw

## Forfar

 DD-83PODear Sirs

## FINAVON WINDTURBINE PROPOSAL

 APPLICATION NUMBER 14/00827I strongly object to this application to erect a wind turbine on the very historic Finavon Hill.

Are these power companies and landowners blind to the beauty of our historic countryside or are they just driven by greed and ignore the damage they cause to their communities?

This is a beautiful area of Scotland and a wind turbine of this size is totally inappropriate and Angus Council should reject it. If this turbine is given permission, it will open the flood gates for more turbines to be erected (St. Mary's Well Scoping Proposal 12/00151) and this is unacceptable.

Given a Reporter from the Scottish Government has already rejected a similar application and given the recent report on possible Wind turbine sites stated clearly that this hill was not suitable for turbines, I urge Angus Council to reject this application.

I look forward to hearing from you.
Yours sincerely


Head of Planning \& Transport, 5 November 2014
Market Street, BIRcHWOOD
Forfar,
DD8 3 LG.

## RECEIVED

- 6 NOV 2014 ル K KW

OATHLAW Forfar
DD83PQ
$5 / 11 / 14$

Dear Sir,

Re Planning Application No. 14/00827 - Wind Turbine at Finavon Hill,<br>By Forfar

I write to object most strongly to the above planning application. To have a wind turbine constructed on Finavon Hill is, in my opinion, totally unacceptable.

This industrial machine will tower high over every other structure in the vicinity and be an intrusive eyesore.

There is the serious worry about the effect this wind turbine, and the many others that have been proposed for this area, will have upon tourism. How many tourists will want to look at a wind turbine more than once? It is doubtful that many will wish to return to this area once it has been blighted by the imposition of wind turbines upon a largely rural, agricultural area.

It is contrary to Angus Policy ER 34 and ER 35 and the Ironside Farrer Report. A Scottish Government Reporter has already rejected a similar application.

For all these reasons I ask you to reject this planning application.

Yours faithfully,

## Myrestone Cottage <br> LUNANHEAD <br> Forfar <br> ANGUS <br> DD8 3PA

Angus Council<br>Planning Dept<br>County Buildings<br>Station Road<br>Forfar<br>Angus

$6^{\text {th }}$ November 2014

## Dear Sir

## Planning Application 14／00827／FULL Erection of Turbine South of Finavon House Finavon Forfar

I am writing to lodge my objection to the above application for a single turbine on this site．I note that the applicant has changed his plans and location of the turbine from his previous application but I would refer you to the Scottish Government Reporters refusal for three turbines on the same hill， his decision document dated $26^{\text {th }}$ October 2012．I would also refer you to the Ironside Farrar Report which was commissioned by Angus Council and published in November 2013，this shows quite clearly that the area of Finavon Hill is not suitable for a turbine of this size．

I would also object on the grounds of cumulative visual impact．If you or I were to stand atop Finavon Hill and look across toward the Cairngorm National Park we would at present see at least half a dozen similar sized single turbines dotted about the countryside．．Angus is a beautiful county renowned the world over and visited by thousands throughout the course of a year．Why would visitors wish to come to our county and see it blighted by whirling，or as is more often the case， none whirling useless turbines．

I also note from the documents provided by the applicant several letters of support for the turbine from various businesses．From my understanding of similar developments in other parts of the country such developments bring little or no benefit to local business．Servicing is carried out by specialists firms．Local firms may indeed win a contract to provide other services，but these would probably only be for the initial period of the build．

I note that the County Access Officer has raised some concern regarding access to the hill by members of the public．I would like to point out that access to the hill tracks from Finavon Hill road is nye on impossible as local access gates are kept locked at all times．

Yours sincerely


Mrs K J Cooper

ル゙ビ ENVED
-7 NOV 2014
M｜kw


## FINAVON WIND TURBINE APPLICATION NUMBER 14/00827

I wish to object to this development. The proposed erection of such an enormous turbine on Finavon Hill will be widely visable from many locations in the area and will have a negative impact on the landscape and local amenity.

The turbine would have a long lasting negative effect on the area and will deter people from visiting and this will affect many tourist businesses in Angus.

This historic part of the Strathmore Valley is beautiful and should not be ruined by greedy landowners seeking to line their pockets at the expense of local communities.

This application is contrary to the Wind Farm Report which Angus Council commissioned which clearly shows that this hill is not suitable for any turbines.

This application should be rejected by Angus Council as soon as possible.
Kind regards


REGENVED

- 6 NOV 2014

LLKW

Oathlaw

Planning \& Transport Division
Angus Council
Market Street
FORFAR
ANGUS
DD 3LG

## RECEIVED <br> -6 NOV 2014



Dear Sirs

## APPLICATION NUMBER 14/00827 PROPOSED WIND TURBINE AT FINAVON

This application is contrary to the Angus Local Plan Review 2006 and policies ER34 and ER35. Please note my objection to this application to build a huge turbine in this beautiful area of Angus.

The turbine will be far too large for this area and is totally inappropriate. It is contrary to the Angus Plan and the recent Wind Turbine report that Angus Council commissioned.

I am also concerned that this application will encourage other local landowners to apply for wind farms too. I understand that Mr Gray-Cheape at Carse Gray Estate has applied for a wind farm to be erected on his land called "St. Mary's Well" and this is unacceptable.

I hope Angus Council rejects this application.
Yours faithfully

## RECEIVED <br> - 6 NOV 2014 <br> IH kw

Dear Sir

## APPLICATION NUMBER 14/00827 PROPOSED WIND TURBINE AT FINAVON

I wish Angus Council to note my objection to this application.

This application is surely contrary to the Angus Local Plan Review 2006 and policies ER34 and ER35. It is also contrary to the Ironside Farrer Report which shows via a map that this area is not suitable for turbines.

Given a similar application has recently been rejected by a Scottish Government Reporter, I hope Angus Council rejects this application as soon as possible.

Yours sincerely

# Myrestone Cottage <br> Lunanhead，Forfar <br> Angus，DD8 3PA 

Angus Council

Planning Department
County Buildings
Station Road
Forfar
Angus
$6^{\text {th }}$ November 2014

## Dear Sir

Erection of Turbine South of Finavon House Finavon Forfar Application Reference 14／00827／FULL
I note with some dismay that the applicant has once again applied to erect a turbine on Finavon Hill．Will you please accept this letter as my formal objection to this application．In October 2012 the Reporter for the Scottish Government refused a previous application for 3 turbines on the hill very close to the position of this new application

Angus Council commissioned the Ironside Farrar Strategic Landscape Capacity Assessment Wind Energy In Angus Report which was adopted by the Council．This Report states quite categorically that the particular area of Finavon Hill is not suitable for turbines of this size．

The application also contravenes Local Plan Policy ER34．This states that＂There will be no unacceptable adverse landscape and visual aspects having regard to landscape character，setting within the immediate wider landscape and sensitive viewpoints＂．

I would also like to say that I agree with the objection points made by many other members of the public， who have all raised many valid points and who have noted areas of great concern regarding numerous points included in the applicants supporting statements．

I would urge the Council to REFUSE this application．

Yours sincerely，


ルビCEVED
－7 NOV 2014
に｜kい

[^4]
## LeslielA

From: GrantKL on behalf of PLANNING
Sent: $\quad 24$ December 2014 08:53
To: PLNProcessing
Subject: FW: Finavon House - 67m Wind turbine - application 14/00827/FULL
Attachments: Planning 23.12.14.txt

Kay Grant, Clerical Officer, Angus Council, Communities, Planning \& Place, County Buildings, Market Street, Forfar, DD8 3LG. Tel - 01307 473360. E-Mail -GrantkI@angus.gov.uk

## senli: 23 Decennivel 201421.15

## To: PLANNING

Subject: Finavon House - 67m Wind turbine - application 14/00827/FULL

## Dear Sirs

Please find attached letter in connection with the above application
Thank you
Susan Oliphant

John \& Susan Oliphant<br>Ivy Cottage, Benzil<br>Forfar<br>Angus DD8 3NJ

23 December 2014
Planning Department
Angus Council
Forfar
Angus
Dear Sirs
Planning Application - 14/00827/FULL
Finavon House - 67m Wind Turbine
Further to my objection of 26 October I am extremely surprised to see the number of letters of "support" which have suddenly appeared on the planning application website, the majority of which have been pre-printed with spaces left for the "supporter" to fill in name and address. They are not individual, personal letters.

To date, there is no indication of the "Supporter's" names on several letters on the Planning application site.
Is this acceptable practice?
Strangely these "support" letters are not addressed to the Case Officer, Mr Neil Duthie, but to Mr Ed Taylor. I question the reasoning for this.

I also note that the letter from Mr Frederick Purves of Monifeith was received by Angus Council on 4th December but bears the "Kilmac Received" date stamp of 12th November. Very strange and I wonder if, perhaps, Kilmac has requested
that employees sign these pre-printed letters which they have gathered together and then forwarded to Angus Planners.
The majority of letters objecting to this application have been submitted by local residents who will, should this wind turbine be given planning approval, have to live with this enormous machine in view for possibly the next twenty-five years.

Many of the "standard letters" contain the following wording: " Kilmac . . . . a local company that is developing the expertise
in civil engineering to roll out this concept (renewable energy) nationally, to the benefit of job creation and income to Angus".

I would suggest that Kilmac "develops its expertise" somewhere other than close to people's homes and in such an inappropriate location as Finavon Hill.

I ask Angus Planners to view the rush influx of "support" letters with grave suspicion and refuse this application.
Yours faithfully
Susan Oliphant - by email

## Comments for Planning Application 14/00827/FULL

## Application Summary

Application Number: 14/00827/FULL
Address: Field 450M South Of Finavon House Finavon Forfar
Proposal: Erection of a Wind Turbine of 40 metres to Hub Height and 67m to Blade Tip and Ancillary Development
Case Officer: Neil Duthie

## Customer Details

Name: Mr Richard Finch
Address: 6 Heather Croft Letham Forfar

## Comment Details

Commenter Type: Member of Public
Stance: Customer objects to the Planning Application
Comment Reasons:
Comment:I wish to register an objection to this proposal.
The location is already in an area which is regarded as not suitable for this type of development. It would be a huge blot on the landscape, spoiling the beauty of the area, and would benefit no one except the landowner/owner.
As with all of these developments, it simply makes the likelihood of "the lights going out" much more probable.
I urge the council to reject this application.

## Comments for Planning Application 14/00827/FULL

## Application Summary

Application Number: 14/00827/FULL
Address: Field 450M South Of Finavon House Finavon Forfar
Proposal: Erection of a Wind Turbine of 40 metres to Hub Height and 67 m to Blade Tip and
Ancillary Development
Case Officer: Neil Duthie

## Customer Details

Name: Mrs A Gow
Address: Pitscandly Forfar

## Comment Details

Commenter Type: Member of Public
Stance: Customer objects to the Planning Application
Comment Reasons:
Comment:I urge Angus Council to refuse this application and I object strongly to it.
I have already written setting out my objections however felt I had to write again due to the influx of very odd letters of support.
These letters are not individual letters and therefore I hope they will just be treated as one letter of support which as you will know are the rules for letters of objection.
It is astounding that the applicant would think that these letters from so far afield (even Australia!) would help sway the Council in his direction. Clearly these people have no real interest in the area and certainly won't have to live with this turbine in the future.
Indeed, it would seem that these letters have been generated in a template style and possibly issued by both the wind turbine company itself and the applicant.
I hope that Angus Council sees through this shameful act and agrees with the Scottish Government Reporter who has already stated that this area is not suitable for turbines and previously rejected a similar appplication by the same applicant. Kind regards.


[^0]:    Policy ER34 : Renewable Energy Developments
    Proposals for all forms of renewable energy development will be supported in principle and will be assessed against the following criteria:

[^1]:    Mark

    Mark Deakin
    Squadron Leader (RAF)

[^2]:    This email and any attached files are confidential and copyright protected. If you are not the addressee, any dissemination of this communication is strictly prohibited. Unless otherwise expressly agreed in writing, nothing stated in this communication shall be legally binding.

    The ultimate parent company of the Atkins Group is WS Atkins plc. Registered in England No. 1885586. Registered Office Woodcote Grove, Ashley Road, Epsom, Surrey KT18 5BW. A list of wholly owned Atkins Group companies registered in the United Kingdom and locations around the world can be found at http://www.atkinsglobal.com/site-services/group-company-registration-details

    Consider the environment. Please don't print this e-mail unless you really need to

[^3]:    "..an area with no inherent capacity for wind turbines ".

[^4]:    W E Cooper

