

Energy (and more) from Wind

Case Studies

Stewart Provan
July 2013

The Banks Group

Founded in County Durham in 1977.

Surface mining and haulage background.

Employs over 350 people.

Annual turnover in excess of £50m pa.

Large in-house planning team.

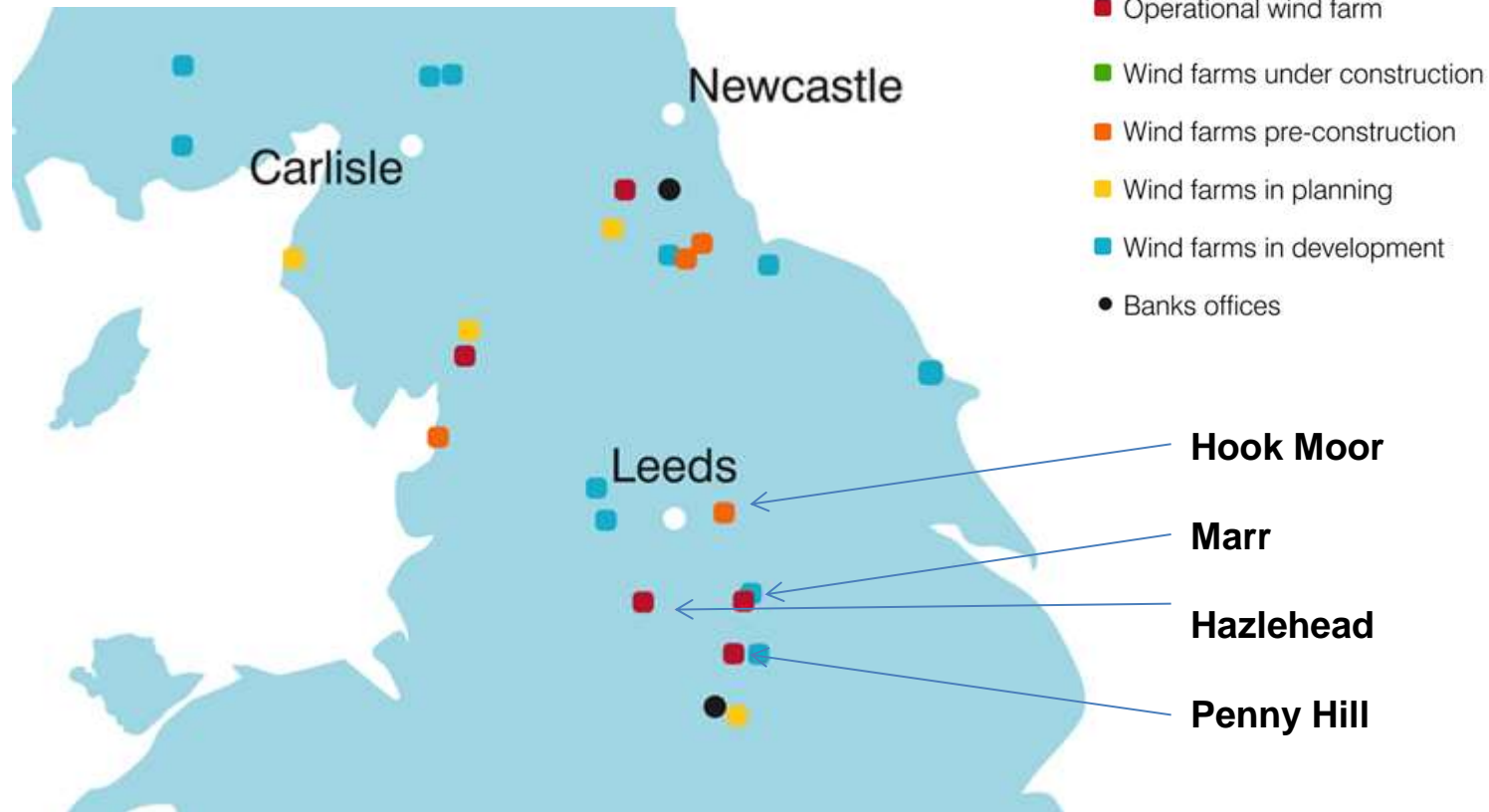
Prepares and project manages development process in house.

Commenced development of wind farms in 2003.

Gained consent for first wind farm in 2005.

Built West Durham Wind Farm (Tow Law). 24 MW. Largest wind consent in NE England (at the time).

Y & H Case Studies



Development With Care Means

Developing open channels for two-way communication with local communities

- Exhibitions
 - Design Workshops
 - Liaison Meetings
 - Newsletters/Web Site/Blog
-
- Recent DCLG announcements – Call for Evidence
 - Anything New?
 - A lot of hot air but not a lot of light /guidance
 - Role for Local Authority in engagement on RE projects
 - Who are the local community?

Marr Wind Farm

Building Locally

Site located in Green Belt. Doncaster
MBC recommended approval.

Main concerns of local communities
Visual, noise and shadow flicker

Over 30 liaison meetings held throughout construction phase into operation.
Still ongoing (annual ?)

Strong links with local schools (Dearn Valley Eco-Schools Project).

Substantial use of local material and businesses.

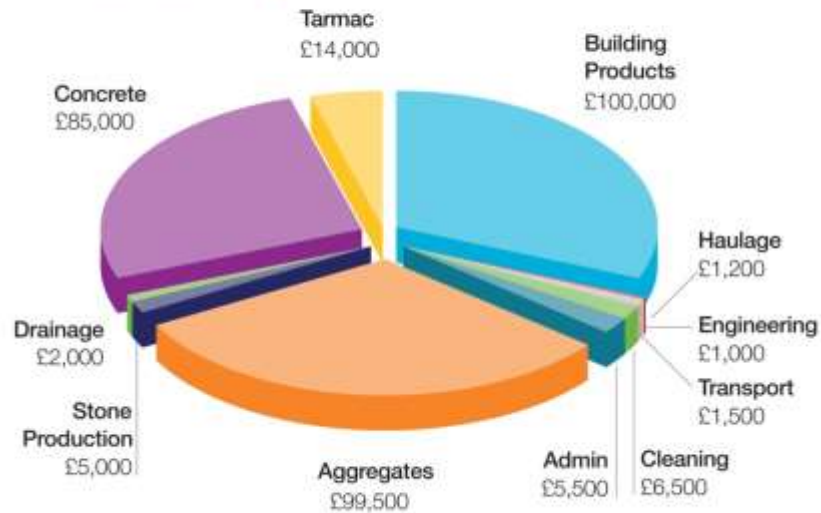
| Operational | 2011 |
|-----------------|-----------|
| MW Capacity | 8 |
| No. Turbines | 4 |
| Local Authority | Doncaster |

Marr Wind Farm

Building Locally

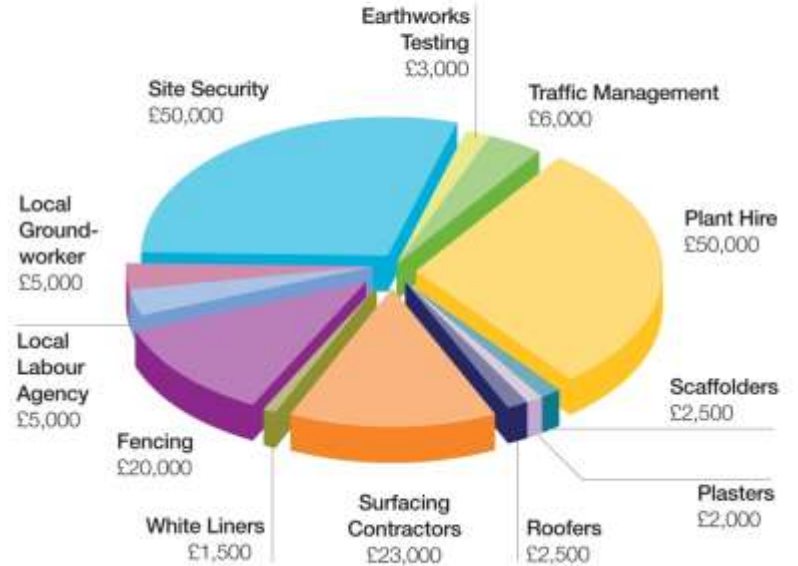
Marr spend on local material suppliers

Total: £321,200



Marr local subcontractor spending

Total: £170,500



Hazlehead Wind Farm

A Caring and Responsive Neighbour

Site located in Green Belt. Barnsley

MBC recommended approval.

| Operational | 2011 |
|-----------------|----------|
| MW Capacity | 6 |
| No. Turbines | 3 |
| Local Authority | Barnsley |

Flawed noise condition – Recent IOA guidance.

Site Specific Environmental Management Plan.

- Common in mineral industry
- Flexible response to complaints
- Reviewable so it is up to date with current best practice
- Agreed with local liaison committee and council officers

Penny Hill Wind Farm

Scale and increasing local benefits

Site located in Green Belt. Rotherham.

MBC recommended approval.

Video montages used for first time.

Pump-primed a Warm Zone to tackle fuel poverty across Rotherham.

Liaison Committee up and running.

| Operational | 2013 |
|-----------------|-----------|
| MW Capacity | 20.4 |
| No. Turbines | 6 |
| Local Authority | Rotherham |

| Tip Height (m) | Rotor Size | Generator | GW/H | Increase |
|----------------|------------|-----------|------|----------|
| 100 | 80 | 2.0 | 26.6 | -- |
| 125 | 90 | 2.0 | 35.2 | 132% |
| 132 | 100 | 3.4 | 47.0 | 177% |

Hook Moor Wind Farm

**Planning must deliver. . . .
quicker**

**Site located in Green Belt. Leeds
CC recommended refusal only on
aviation grounds.**

| Operational | 2014 |
|--------------------|-------------|
| MW Capacity | 15 |
| No. Turbines | 5 |
| Local Authority | Leeds CC |

MoD refused to appear at Public Inquiry (2009). Refused, challenged, approved (2011).

MoD accept no mitigation needed (2013).

Seven years from application to programmed commencement on site. Opportunity cost.