



Baillie Wind Farm, Thurso, Scotland. 21 turbines. Installed capacity 52.5MW. Turbine tip height: 110m.

## SLICKLY WIND FARM

This leaflet is designed to bring you up to date on the progress of the proposed wind farm development, located 1.5 km east of Slickly, on land adjacent to the operational Stroupster Wind Farm.

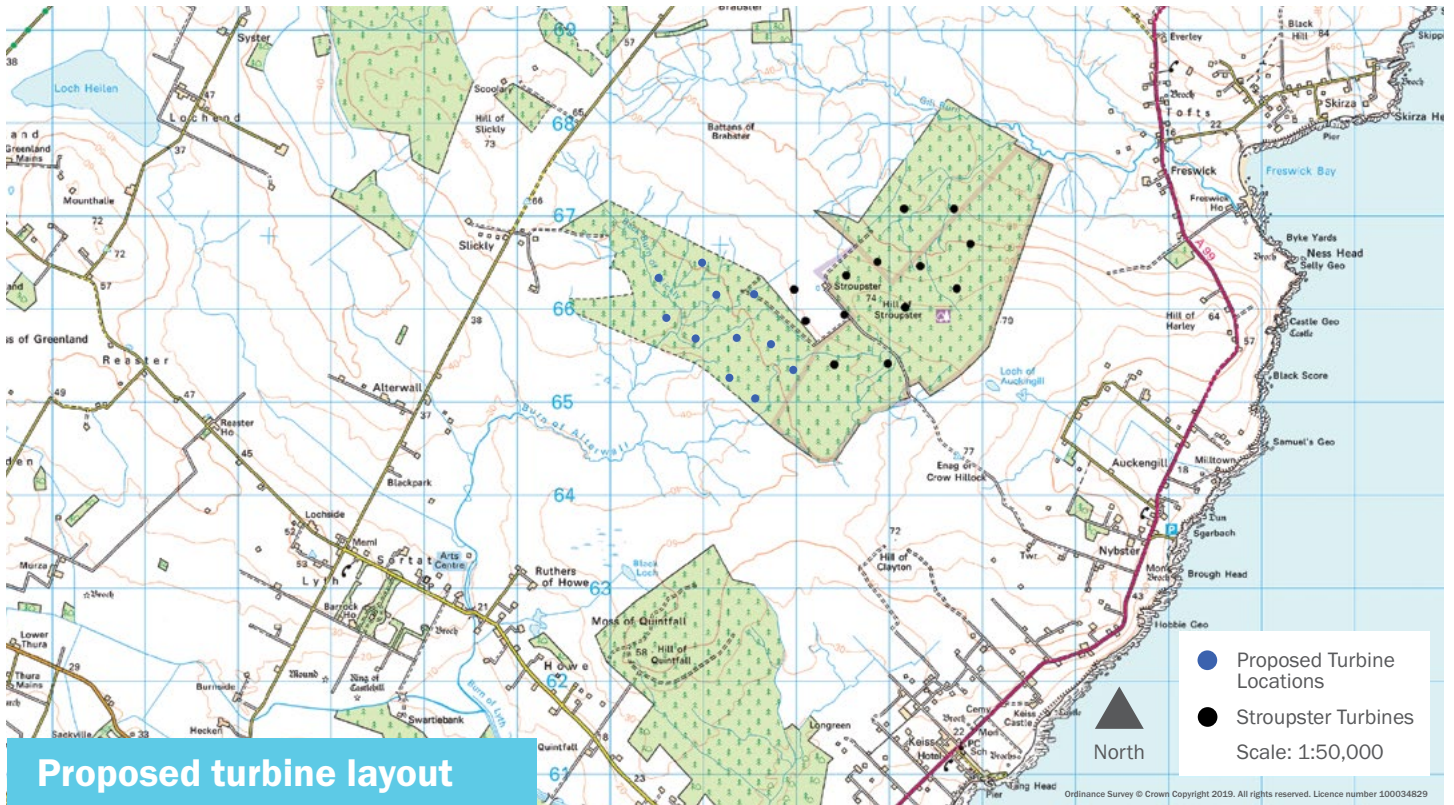
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### About Statkraft

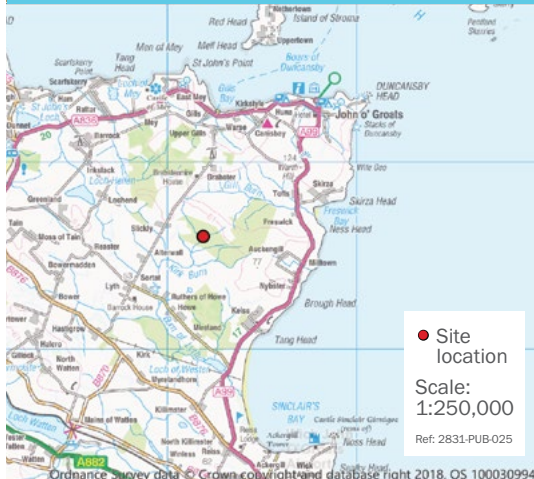
Statkraft is a leading company in hydropower internationally and Europe's largest generator of renewable energy. The Group produces hydropower, wind power, solar power, gas-fired power and supplies district heating. Statkraft is a global company in energy market operations.

November 2019

# ABOUT THE PROPOSAL



**Proposed turbine layout**



<b>Number of Turbines:</b>	11
<b>Turbine Tip Height:</b>	149.9m
<b>Lifespan of Wind Farm:</b>	30 years
<b>Installed Capacity:</b>	39.6MW
<b>Energy Generation:</b>	Equivalent to around 40,000 homes per year*
<b>Community Fund:</b>	£198,000 per year In excess of £5.9 million over the lifespan of the wind farm

\*Using GH virtual mast data and average domestic consumption of 3,729kWh pa, BEIS 2018. Above figures may change subject to turbines installed.

## The story so far

As a responsible developer and operator of renewable energy projects, our approach to development involves consulting widely with local communities.

Slickly Wind Farm was first identified in 2014, but policy changes in 2015 resulted in the project being put on hold.

We revisited the scheme in early 2018 and held exhibitions in November 2018 and September 2019.

Having taken on board the feedback from both of these exhibitions we are now ready to submit our application.

In September, we told you that we were intending to raise the tip height of the turbines. Following a landscape viewpoint assessment we have increased the tip height to 149.9m.

This increase in tip height has allowed us to increase the generating capacity and also the community benefit.

## Why Slickly Wind Farm?

Proven wind speeds across the site.

Consistent with Highland Council Guidance on Landscape Capacity.

Designed as an extension to the existing Stroupster Wind Farm.

Located in an area identified by Highland Council as having some potential for large scale wind farms.



# COMMUNITY BENEFIT, LOCAL EMPLOYMENT AND BUSINESS

## Community Benefit Fund

A commitment to £5,000 per MW installed, as per Scottish Government best practice guidance.

## Community Ownership

We work with Local Energy Scotland to identify community groups across the region and explore community ownership opportunities.

## Local Investment

We work with local business groups such as the Caithness Chamber of Commerce to increase awareness of the opportunities in construction and operations.

## Education & Enterprise

We welcome your views on how the wind farm can directly or indirectly benefit those who are in education or training and support local businesses.



£198,000  
per year for  
community  
funding.\*

\* Based on 11 x 3.6 MW turbines  
and £5,000 per MW.

# PROPOSED TIMELINE AND NEXT STEPS

## 1. Site Selection

*(12 months)*

We selected the site at Slickly back in 2013.

Research had shown good wind speed and minimal technical constraints on the site.

## 2. Pre-planning

*(12 to 18 months)*

Based on current timeframes, our application will be submitted to The Highland Council by the end of 2019.

## 3. Submit Application & Await Decision

*(12 months)*

The application will be accompanied by a comprehensive EIA Report showing the results of all studies undertaken.

This will be publicly available information. Interested parties and statutory consultees can formally comment on the application.

## 4. Construction

*(12 to 18 months)*

If approved, construction begins usually about one year after consent.

Construction typically takes 12-18 months and planning conditions are used to carefully manage elements of construction.

## 5. Operation

*(30 years)*

Turbines are managed by an in-house maintenance team, and operation is controlled by detailed planning conditions.

A community fund is active throughout to support worthwhile community initiatives.

## 6. Decommissioning

*(12 months)*

At the end of the planning period, turbines are removed and the site restored.

A parent company guarantee or financial bond is in place to cover this cost.

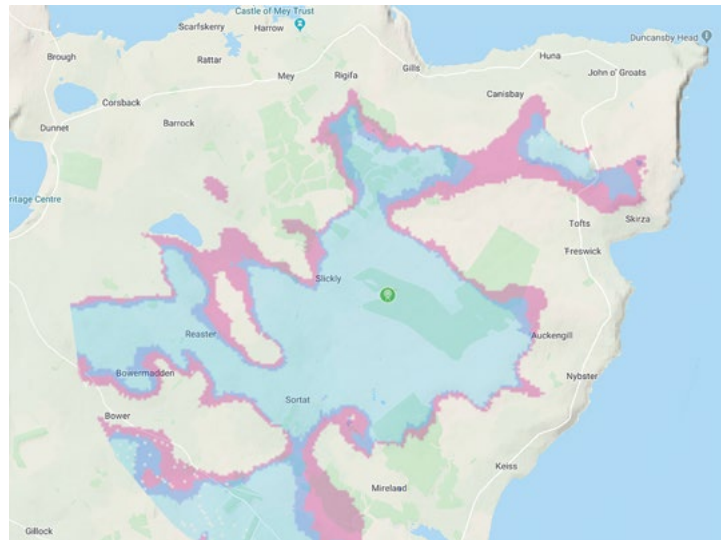
## Next steps

We intend to submit a planning application by the end of 2019, and the full suite of application documents would be publicly available at that time.

# BROADBAND

We are always exploring ways in which we can provide positive benefits to local communities near our projects.

We are often asked by people if we can help deliver faster broadband or even get them connected in the first place.



Potential coverage from a single mast on the site

Access to a reliable and fast broadband connection is often an issue in rural areas.

With this in mind, we have taken some initial action to investigate this.



## How it could work

A mast around 20m high on the site transmits to a small dish (15cm) on a house.

The feasibility study shows the coverage potential by placing a single mast on the site.



We have commissioned an early stage Fixed Wireless Broadband Feasibility Study to explore the potential for using the infrastructure of our project at Slickly to deliver super-fast broadband. Here's what we have discovered so far:

- **It's Feasible**

Further technological and in-depth engineering studies are required, but initial findings show that fixed wireless broadband could be established to provide a service from the Slickly site to properties in the immediate vicinity, as well as the potential for a community network to be established to serve the community up to 10km from the site.

- **It's Fast**

Potential download speeds could be as high as 30-40Mbps. Because fixed wireless broadband can offer synchronous service, it means upload speeds would be just as fast, unlike the 'fibre to the cabinet' service.

Such a service, if implemented, could provide the potential for commercial and residential benefits.

## Next steps

Our broadband team have met with a newly formed broadband group to discuss the potential.

If you would like to know more about the potential reach and capability, please talk to us.



## Contact us

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