

## Development Studies

BiGGAR Economics carried out an Opportunities and Impacts Assessment to identify the potential socio-economic impacts of developing, constructing and operating MachairWind. This is the first of a series of evidence-based reports that will look into maximising socio-economic benefits for the communities, local enterprises, economies and services involved in MachairWind. To request a digital copy, please email us at [machairwind@scottishpower.com](mailto:machairwind@scottishpower.com)

A port feasibility study is currently underway. The study, carried out by a third-party specialist, examines the technical capabilities of various ports for use during the construction phase and during the operation and maintenance phase.

### Indicative Project Timeline

**2021 to 2023:** Progressed with environmental surveys, feasibility studies and community stakeholder engagement.

**2024 to 2025:** Site Investigation Surveys and Community Engagement continues.

**Late 2020s:** Construction to Start.

**2022:** Entered into Option to Lease Agreement with Crown Estate Scotland.

**2026/2027:** Consent.

**Early 2030s:** First export of power from the wind farm.



## Supply Chain

If you think your business could provide services to support the delivery of MachairWind, please register on our Supply Chain Database, which can be found on our 'Supply Chain' page via our MachairWind website.

You can contact our supply chain team at:  
[SPRoffshoresupplychain@scottishpower.com](mailto:SPRoffshoresupplychain@scottishpower.com)



Summer 2024 update

# MachairWind Offshore Windfarm



 **ScottishPower**  
Renewables



We have been very busy in recent months. Keep reading to find out what we've been up to and to see our plans for the year ahead. Check out our website, where you can keep up to date with the latest news and 'meet' the MachairWind team - you may spot some familiar faces! [www.machairwind.co.uk](http://www.machairwind.co.uk)

## Community Engagement and Events

In August, the MachairWind team hosted a stand at the Islay, Jura and Colonsay Agricultural Show, where we received a warm welcome and enjoyed blue skies and sunshine! It was great to see lots of interest from local people about MachairWind, such as questions around the various surveys we have been carrying out and timescales of the project.

We've been delivering events to educate and enthuse the next generation about renewable energy. In October, the MachairWind team and Fugro - the company carrying out our metocean campaign - hosted an event on Bowmore Beach with local children, ranging from 5 to 11 years old. The children put their learning to the test by building their own turbines!

In February, we attended ALLenergy's MAK STEM Fest, a dynamic daytime careers event in Machrihanish for S2 to S6 pupils. MachairWind hosted a stand to showcase the range of careers and routes available to them to obtain renewable energy jobs across Argyll and Bute. More recently, we held meetings with local organisations to provide key updates and discuss our upcoming visits. These conversations are invaluable, as they help us better understand what matters to local communities.



### Dates for Your Diary

Come along to one of our drop-in events:

- 7th May, 3pm to 6.30pm, at Jura Care Centre
- 8th May, 2.30pm to 6.30pm, at Colonsay Village Hall
- 9th May, 1.30pm to 4.30pm, at Islay Gaelic Centre
- 9th May, 6pm to 8.30pm, at Ramsay Hall, Islay

Say hello to the MachairWind team at our stall during the Islay, Jura and Colonsay Agricultural Show on 8th August. To find out more about these events, contact [machairwind@scottishpower.com](mailto:machairwind@scottishpower.com) or visit our website. (QR code on the back).

## Surveys

MachairWind is currently in the Development Phase. The surveys detailed below play a critical role in progressing this stage of the project.

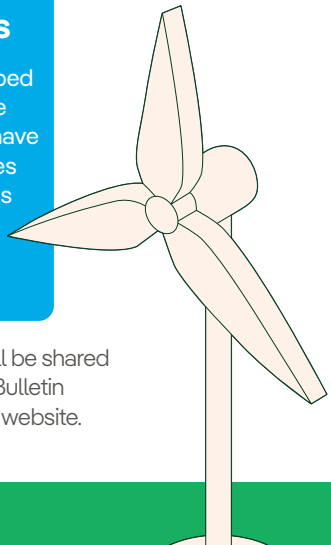
### Metocean & LiDAR Surveys

Two wave buoys, two seabed landers and a floating LiDAR (light detection and ranging) buoy were deployed in April 2023, in and around the windfarm area. This equipment has gathered important data which helps us better understand the conditions of the offshore windfarm site, specifically wind speed, air and sea temperatures, current speeds and wave heights. The equipment remains out at sea as we continue the metocean data collection process.

### Site Investigation Surveys

The first round of geophysical and seabed survey works began in August and were completed in November. The data we have gathered from this survey work improves our knowledge of the ground conditions across the offshore wind farm site. We plan to undertake a second round of surveys this year.

Details of any upcoming offshore surveys will be shared through a Notice to Mariners, the Kingfisher Bulletin and on the Marine page of our MachairWind website.



### Ornithology & Wildlife Surveys

We have undertaken surveys to capture information about the species of bird and marine mammal that are found in and around the offshore windfarm area. The surveys are now complete, having gathered 2.5 years worth of data in total. To help bridge any data and knowledge gaps, we have been working with bird and marine mammal experts, who are advising on our Environmental Impact Assessment (EIA) approach.



### Environmental Impact Assessment (EIA)

An EIA is an important part of a planning application. The EIA assesses the potential effects a project could have on the environment.

#### What is Scoping?

Scoping is a part of the planning process that is used to outline which technical topics developers propose to assess within the EIA for their project and the data that the developer proposes to use to inform that assessment process. The Offshore Windfarm Scoping Report for MachairWind will be available later this year. Keep an eye on our website for information.

### Contact Us

Staying connected and working with in partnership with local communities, organisations and businesses is incredibly important to us. Find out more about MachairWind news and opportunities on our website (QR code below).



Email us with any queries or requests at: [machairwind@scottishpower.com](mailto:machairwind@scottishpower.com)

### Your Feedback

We are eager to hear about your experience of MachairWind, including areas of the project that interest you most, and how you would like to be kept up to date. We would be very grateful if you shared your views by completing our 5-minute online survey by scanning the QR code below.



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