sse Renewables

Tattymoyle Wind Farm Public Consultation

May 2025

Welcome

Tattymoyle Wind Farm
Public Consultation Event

Thank you for visiting our public consultation event today. Please take your time viewing the information we have on display. If you have any questions or feedback, our project team is here to talk to you.

You can also fill out a feedback form, or contact us via email or post after today's event.

The purpose of this information event is to provide information on the proposed Tattymoyle Wind Farm and to update you on our current activities and plans and to provide an opportunity for the local community to give their input and feedback on the draft design proposals.

Our team is on hand to answer any questions you might have and listen to your feedback.

Contact Us
Email us at clo@sse.com
Write to us at SSE Renewables, Red Oak South,
South County Business Park, Leopardstown, Dublin D18 W688
Visit our website: https://www.sserenewables.com/tattymoyle

Meet the Team

Michelle Donnelly
Project Manager

Eda Martin
Community Liaison Officer

Vicky Boden
Community Investment Manager

Donal Gormley
Land Manager

About SSE Renewables

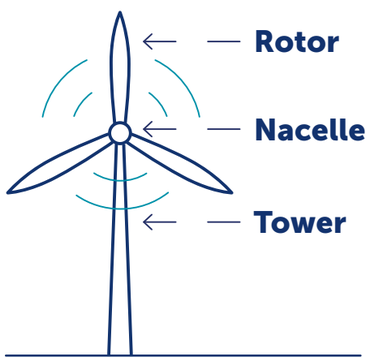
SSE Renewables is a leading developer and operator of renewable energy and is the UK and Ireland's clean energy champion. In Northern Ireland, SSE Renewables owns 117MW of operational onshore wind capacity at five wind farm sites including the 73MW Slieve Kirk Wind Park outside Derry City, and the 34.5MW Tievenameenta Wind Farm and the 9MW Bessy Bell 2 Wind Farm, both in County Tyrone.

Part of energy infrastructure company SSE plc, UK-listed in the FTSE100, its strategy is to lead the transition to a net zero future through the world-class development, construction and operation of clean power assets across a diverse mix of renewable technologies.

SSE plans to invest around £20.5bn to 2027, or over £10m a day on average, on its fully funded, five-year Net Zero Acceleration Programme Plus (NZAP Plus) infrastructure delivery programme to drive progress towards a cleaner and more secure homegrown energy system. This includes plans to invest around £7bn to increase installed renewable energy capacity to around 9GW by 2027, including the delivery of the world's largest offshore wind farm in construction.

SSE Renewables has a team of around 2,000 renewable energy professionals based across the UK and Ireland, Continental Europe, and Japan, all committed to delivering the green energy the world needs now and in the future.

Proposed Development



180m tip height

150m Rotor Diameter

The draft layout for the proposed Tattymoyle Wind Farm comprises up to 10 turbines, with a maximum tip height of 180m.

The wind farm will generate up to 60MW, depending on the final project proposals.

In addition to the turbines themselves, the development of a wind farm comprises a number of principle components. These include hardstand areas and access roads, underground cables to transport the green electricity to the substation, borrow pits for the sourcing of rock on site and spoil management areas. In addition, turbine delivery route upgrades, an on-site substation and an underground electrical connection to the national electricity grid will be required.

The proposed turbine will have a ground to blade tip height of up to 180m and a rotor diameter of up to 150m.

SSE Renewables may also consider co-locating a Battery Energy Storage System (BESS) at the site that could store excess green electricity and release it onto the grid when the wind isn't blowing.

We expect that the proposed development footprint would take up less than 5% of the total site area for turbine bases, crane hardstands and access tracks, meaning much of the land area will not be required for the development. This provides an opportunity for the remainder of the site to be used for other purposes, such as ongoing farming & biodiversity enhancement.

This will allow SSE Renewables to implement its Biodiversity Net Gain (BNG) plans, which is an approach to development that aims to leave the natural environment in a measurably better state than it was pre-development. It focuses on the change in the biodiversity value of a site, comparing the pre and post construction biodiversity values to ensure a positive impact overall.

SSE Renewables is committed to achieving BNG on newly consented onshore renewable energy sites from 2025 onwards, underpinned by a robust methodology and a comprehensive 10-point action plan. As the proposed wind farm development at Tattymoyle will be submitted in 2025, it is envisaged that the project will include biodiversity enhancement measures in line with SSE's commitments to BNG. The details on potential biodiversity enhancement measures for the proposed development will be determined during the EIAR and project design process.

Further details on SSE's commitment to BNG, including the Positive for the Planet report and BNG toolkits, can be found at:
https://www.sserenewables.com/sustainability/biodiversity-net-gain/

We intend to submit a planning application in early 2025 for the proposed development.

Project Benefits

Climate
In terms of climate benefits, the project will help decarbonise Northern Ireland's electricity grid, helping to meet the Climate Change Act (Northern Ireland) 2022 (Act) targets of an at least 100% reduction in net zero greenhouse gas (GHG) emissions by 2050 (i.e., net zero emissions by 2050) for Northern Ireland compared to baseline, along with interim targets including an at least 48% reduction in net emissions by 2030.

The Act also sets other sectoral targets including 2030 targets of at least 80% of electricity consumption from renewable sources (DfE) and 70% of waste being recycled (DAERA)
as well as a target for a minimum spend of 10% of overall transport budgets on active travel (DfI).

Tattymoyle Wind Farm can help Northern Ireland to achieve these targets, whilst enhancing our security of supply by creating indigenous energy.

The project will also implement SSE's Biodiversity Net Gain (BNG) policy, which aims to leave the natural environment in a measurably better state than it was pre-development.

Economic
The project will bring significant benefits to the local and regional economy including;

- Creation of more than 50 jobs at peak construction
- Annual council rates to Fermanagh and Omagh District Council
- Investment in local economies through direct and indirect employment and supply chain

Community
Over its lifetime, the Tattymoyle Wind Farm project will bring a range of benefits to the local community including;

- Annual Community Benefit Fund once operational
- Supporting direct local job creation/supply chain
- Supporting indirect local job creation/supply chain
- Upgrading road infrastructure (as required)

Key Benefits

- **Provide up to 60 MW of green, renewable energy**
- **Prevent up to 48,000 metric tonnes of harmful CO2 being released each year***
- **Enough clean energy to power the equivalent of 64,000 homes per year^**
- **Creation of more than 50 jobs at peak construction**
- **Contribute to Northern Ireland's binding climate targets**
- **Investment in local economies and communities**
- **Annual Community Benefit Fund of up to £300,000**

^Total annual homes powered quoted based on expected capacity and load factor of 39%, typical annual consumption (3,200kWh).
*Quoted CO2 emissions abated based on typical annual MWh output and average CO2 Emissions (0.234g/kWh) in the All-Island Single Electricity Market and published by the UR in its Fuel Mix Disclosure and CO2 Emissions for 2022, November 2023.

Site Selection

Why we selected the Site

SSE considers numerous factors when choosing sites upon which to develop wind farms. The wind resource, or consistent windiness, is a primary consideration. We must also consider how the wind farm will be connected to the electricity grid. The size of the site, the area of ground available to develop on and access to the site for turbine components and construction are amongst some of the other considerations in wind farm planning.

The site for the proposed Tattymoyle Wind Farm is located 6.5km south-west of Fintona, Co. Tyrone. The study area comprises lands in the Fermanagh and Omagh District Council area.

Local council development planning policy is one of the critical considerations for SSE in wind farm planning. The Tattymoyle Wind Farm site is located within an area identified by Fermanagh & Omagh District Council Local Development Plan – Plan Strategy, specifically 'Fermanagh Omagh District Council Wind Energy Strategy' as having the highest underlying capacity for wind energy development'.

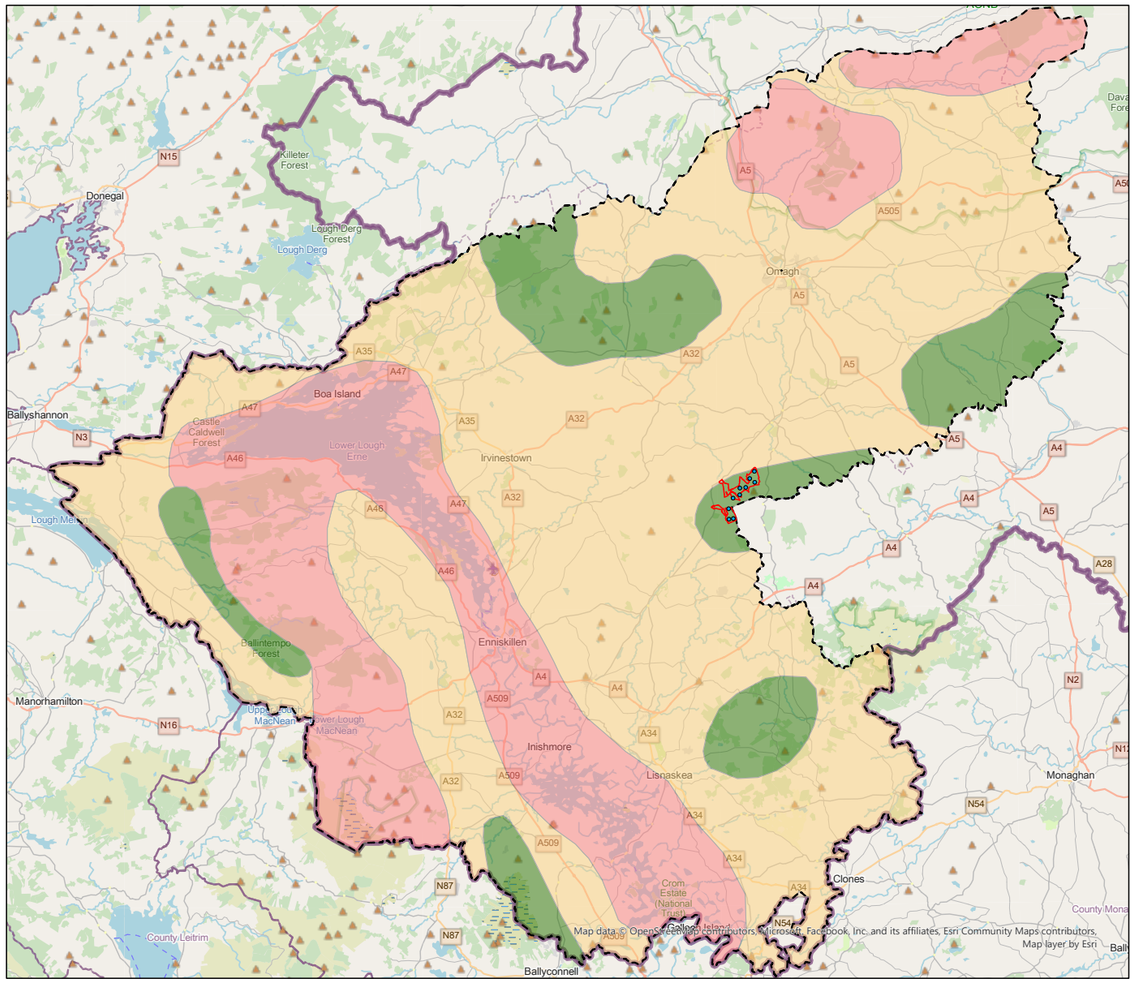
The exact wind farm location was selected as it is located within an area identified as an 'Area with Highest Underlying Capacity'

Key

Site Boundary · Proposed Turbine · Fermanagh/Omagh Local Authority Boundary

Fermanagh/Omagh Wind Energy Strategy Areas

High Underlying Capacity · Limited Underlying Capacity · No Underlying Capacity



Planning Process

In November 2023, the Department for Infrastructure ("DfI Planning") confirmed that they will be responsible for determining the planning application. We are at the pre-application stage and are in the process of undertaking consultations with DfI Planning and their statutory consultees on a range of planning and environmental issues.

Overview of Planning Application Process

DfI confirms project is of 'regional significance'
November 2023

Pre-Application Discussion (PAD) began
Ongoing
December 2023

Pre-Application Public Consultation
November 2024
May 2025

Submission of Planning Application to DfI Planning
Quarter 2, 2025

DfI Planning commence the formal determination of the planning application
Quarter 2, 2025

Expected Planning Decision
March 2027

Construction Start*
February 2029

Commercial Operations Date (COD)*
August 2030

*subject to planning and grid connection timelines

Environmental Impact Assessment

As per The Planning (Environmental Impact Assessment) Regulations (Northern Ireland) 2017, the planning application for the wind farm requires an Environmental Impact Assessment (EIA) to be undertaken.

EIA is an iterative process which enables areas of environmental sensitivity to be identified and appropriate measures put in place to avoid, for example in the layout design, or reduce potential effects. The EIA considers all phases of a Project, from its construction, through operation to decommissioning.

We are currently undertaking a number of environmental surveys and assessments as part of the EIA process for the proposed Tattymoyle Wind Farm. These include looking at potential environmental effects of the wind farm on a variety of factors including: biodiversity, land and soil, water, traffic, cultural heritage, landscape and noise.

The environmental studies completed will be documented in an Environmental Statement which will be presented in the planning application submitted to DFI Planning. The Environmental Statement will be made publicly available when the planning application is submitted. We will provide information on how to access the application at this time. Anyone who has signed up for our project updates will be notified directly. You can sign up via our project webpage sserenewables.com/tattymoyle

Surveys

In addition to desk-based studies, we are undertaking a wide range of field surveys to inform the baseline environmental characteristics of the site and surrounding area. These include:

- Ecological and ornithological surveys
  - Bird surveys commenced early 2022;
  - Habitat and vegetation classification;
  - Bat;
  - Reptile;
  - Terrestrial mammals
    - badger, squirrel and otter.
- Hydrology walkovers and surface water monitoring
- Peat probing surveys
- Landscape and cultural heritage walkover surveys
- Noise monitoring
- Traffic count surveys

Landscape & Visual

The potential impacts on the landscape and the views of people in the surrounding area is a key consideration in the design of the proposed project at Tattymoyle. A landscape and visual impact assessment is being carried out to understand the visual impact of the wind farm on the existing environment. This assessment will be conducted in accordance with best practice guidance.

A Zone of Theoretical Visibility (ZTV) drawing is produced that illustrates the potential extent of visibility of the wind farm's draft layout. Photomontages are also prepared to show what the turbines would look like once operational, from the areas identified in the ZTV as most visible.

A 360 degree interactive photomontage viewer is available at this consultation for you to view representations of what the wind farm may look like.

Noise and Shadow Flicker

Noise

Strict planning guidelines on wind turbine noise exist to ensure the protection of residential amenity in the vicinity of proposed wind farms.

Sources of noise during the operation of a wind farm are primarily aerodynamic (from the movement of blades through the air) and, to a lesser extent, mechanical. Modern wind turbines are designed to minimise mechanical and aerodynamic noise.

The effects of noise are being assessed as part of the ongoing Environmental Impact Assessment (EIA) and in consultation with the planning authorities and will comply with wind farm planning guidelines.

Noise monitors have been deployed to measure background noise levels at nearby residential receptors established in consultation with Fermanagh and Omagh District Council and local residents. The monitoring data will be used to establish noise limits for Tattymoyle Wind Farm in line with current best practice.

If the proposed wind farm is consented and built out at Tattymoyle, noise levels will again be measured during commissioning of the wind farm to verify compliance with the specified limits.

Shadow flicker

Shadow flicker is the name given to a phenomenon caused when the sun is behind the turbine blades casting a moving shadow which creates a flickering effect through the windows of nearby buildings.

Current guidance from the Department of Infrastructure's 'Best Practice Guidance to PPS 18 Renewable Energy' recommends that any development will not cause significant harm to the safety or amenity of any sensitive receptors. A shadow flicker assessment will be carried out and included in the Environmental Statement submitted with our planning application.

If shadow flicker effects are predicted, software will be used to identify the occurrence during operations, and the turbines will be shut down for that period of time, therefore mitigating the effect.

The findings of the shadow flicker assessment will be documented in the planning application.

Community Benefit Fund

Tattymoyle Wind Farm will have a dedicated Community Benefit Fund of approximately **£300,000 a year**, depending on the final project capacity.

SSE Renewables is a leader in supporting the communities in which we operate via our Community Benefit Funds, and will continue this community support for those communities living near the Tattymoyle Wind Farm.

We have been providing funding to local groups across Northern Ireland since 2007, with over £4.5 million having been provided to over 1400 projects since then.

We are proud that the community benefit funds provided to local groups within the vicinity of our wind farm have enabled them to complete projects across a wide range of areas including local GAA clubs and other sports groups, schools initiatives, community support programmes and energy efficiency upgrade projects.

They also include our decade of providing scholarships, with 51 scholarships awarded in 2023/2024 and 452 since we started our Scholarship Fund in 2014.

In the 2023/24 benefit period alone we provided £456,548 to 99 community groups within 20km of our Northern Ireland wind farms including Bessy Bell 2, Tievenameenta and Northern Ireland's largest wind farm, Slieve Kirk Wind Park. Some examples of the projects we supported in the last year are shown in the case studies below, and full details of the projects we supported can be found on our website here:

https://www.sserenewables.com/communities/community-investment-reviews/

Case studies

Examples of Projects Supported

Gortnaghey Community Association

Gortnaghey hosts one of most utilised parks in County Derry/Londonderry. The rural community space receives up to 1,000 visits a week. After a decade of constant use by the residents and visitors from across the county, it required substantial upgrades to ensure it meets the needs of future residents. Support from the Slieve Kirk Community Fund safeguarded the facility by replacing the safety surfaces, removing trip hazards, and introducing new design and landscaping to ensure the space is welcoming and inclusive to residents of all ages and abilities. The enhanced site will benefit the community for at least a decade and has already been utilised for a range of community events and fun days.

Gortnaghey Community Association

£9,000 awarded in June 2023

"This project is very important to us as it helps us maintain a safe environment for our users. This is evident by the daily flow of users to our small rural village."
Carmel Hogan, Chairperson, Gortnaghey Community Association


Aghyaran St Davogs GFC

Aghyaran St Davogs GFC

Many rural communities must think creatively to maintain services in their local area. When the community of Aghyaran in County Tyrone were faced with the closure of their pre-school they came together to identify how the services can continue. The local Gaelic Football Club recognised that their space provided an ideal venue to provide services for young people of all ages. Thanks to a three-year grant from the Tievenameenta Community Fund they have been able to renovate their bottom floor meeting room and kitchen so that it can be utilsed by the pre-school during the day with children under five able to participate in play-based learning, crafts, and explorative play. Once the pre-school finishes the space is transformed into an extracurricular base for local primary and secondary pupils who benefit from a homework club, arts and crafts club and a sports club. The new provision will be vital to ensuring young families remain and join the rural community and will benefit up to 300 young residents and carers over the coming years.

£18,000 awarded in October 2023

"We are working in partnership with the pre-school to provide a safe facility for the pre-school children of our parish to attend during the day and a recreational facility for children up to the age of 14 to attend in the evenings as an after school/ homework club. SSE Renewables award to our project will enable us to provide this essential facility for young people."
Patrick MacSorley Chairman, Aghyaran St. Davogs GFC

Thank You

Thank you for taking the time to visit our public consultation.

We hope you found the information useful.

We welcome your feedback and any queries on the proposed Tattymoyle Wind Farm. Please feel free to contact us.

Contact Us

Email us at clo@sse.com

Write to us at

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Red Oak South,
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