



About SSE Renewables

SSE Renewables is a leading developer and operator of renewable energy in Ireland, operating some of the largest onshore wind farms on the island including the 174MW Galway Wind Park in Connemara and the 73MW Slieve Kirk Wind Park outside Derry City.

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

SSE is delivering cleaner, more secure homegrown power assets to increase its operational renewable generation capacity from 5GW today to up to 9GW by 2027 as part of an almost €25bn clean energy plan, the five-year Net Zero Acceleration Programme (NZAP) Plus. This includes delivery of the world's largest offshore wind farm in construction.

SSE Renewables has a team of around 2,000 renewable energy professionals focused on championing clean energy delivery across the markets in which it operates. These include its core market focus in the UK and Ireland, as well as in selected markets in Continental Europe and Japan.

Contact us

If you have any questions please contact our External Relations Manager, Conor Joy, via email, telephone, or post.

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Tinnycross



Battery Energy Storage System (BESS)

Public Consultation

Keeping You Informed – April 2025



* Quoted 115,757 homes supplied for 2 hours, based on an 120MW / 240MWh battery against assumed average daytime (08:00-20:00) hourly use of 1.03kWh at a typical home (based on Typical Domestic Annual Consumption, 4,200 kWh per household, Commission for the Regulation of Utilities).

Image on cover and page 2 from SSE's Salisbury Battery Storage project in Wiltshire, England. A project similar in design to the proposed Tinnycross BESS.



About the Project

SSE Renewables is proposing to develop the Tinnycross Battery Energy Storage System (BESS) (formerly known as "Thornsberry BESS") in the townlands of Derrynagall and Ballydaly, near Tullamore in County Offaly.

Tinnycross is a proposed 120MW / 240MWh BESS to consist of lithium-ion units capable of storing electricity for up to two hours. Battery storage has a vital role to play in helping Ireland decarbonise its electricity system. Batteries can store the increasing levels of renewable energy generated when they are producing surplus energy and then supply the stored power back to the electricity grid when it is needed the most – helping to manage peaks of energy demand.

When called upon, Tinnycross would be capable of providing back-up energy to the equivalent of over 115,000* Irish homes for up to two hours at a time, while also providing additional services to ensure the correct and proper functioning of Ireland's electricity grid. The project will also encompass pieces of supporting infrastructure, such as grid transformers, MV transformers, switch houses and cabling.

The site will be contained by perimeter fencing, which will be surrounded by natural screening, the exact make up of which will be agreed with Offaly County Council but could include newly planted trees, hedges and shrubs.

Tinnycross BESS would include the use of rechargeable lithium-ion battery technology. Lithium-ion batteries have been widely used for the last 50 years in technology all around us like mobile phones and electric and hybrid cars.

BENEFITS OF TINNYCROSS BESS



Will enable more renewables by storing excess energy, reducing curtailment, and supporting a cleaner, more reliable electricity grid in Offaly and beyond.



Rates payment to Offaly County Council which will contribute to the provision of services and infrastructure improvements in the county more widely.

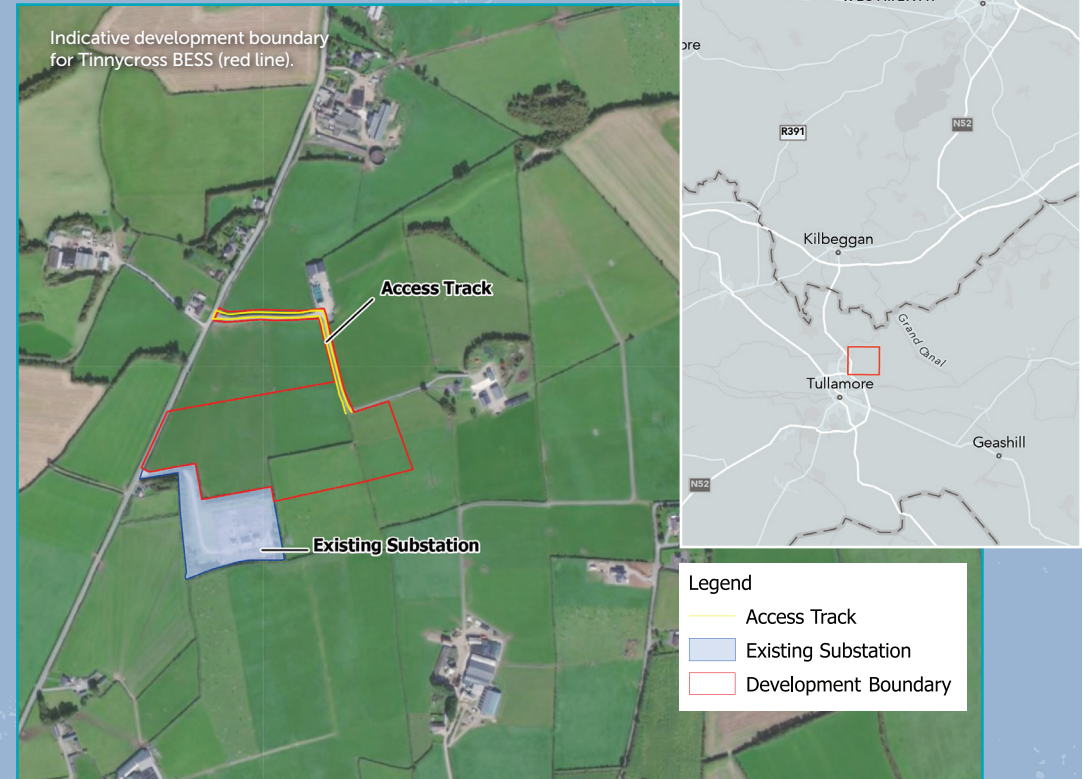


Employment during the construction phase of the project.



Helps ensure the smooth functioning of Ireland's electricity grid.

The project team plans to submit a planning application in Q3 2025 directly to Offaly County Council.



PUBLIC CONSULTATION

We will be running a public consultation for this project for three weeks, from May 8th. During this time we hope to hear the views of the local community regarding the project.

Our consultation materials, outlining further detail, will be available to view in-person at St Mary's Youth and Community Centre in Tullamore on May 8th. Members of the project team will also be in attendance, and we encourage the local community to provide their feedback and views.

All materials on display at our in-person event, and an online feedback form, will also be available on our project website from May 8th until May 29th at: www.sserenewables.com/solar-and-battery/battery-storage/tinnycross/

Location: St Mary's Youth and Community Centre, Harbour Street, Tullamore, R35 W2K0

Date & Time: May 8th, 2:30pm-8:30pm

The event is free to attend and gives the local community the chance to learn more about our plans for the proposed battery project and have any questions they might have answered by our project team.