Contact us

We are very keen to keep in contact with all members of the community and we will keep you informed as the planning application progresses. In the meantime if there are any queries or concerns please contact Vicky Boden via email, telephone or post.

One-to-one meetings will be facilitated on request. Information is also available online at www.sserenewables.com/richfield and from time to time content will be updated to address any frequently asked questions.

Vicky Boden
vicky.boden@sse.com, clo@sse.com, 0818 211 500

Post
SSE Renewables, Red Oak South, South County Business Park, Leopardstown, Co. Dublin, D18 W688.
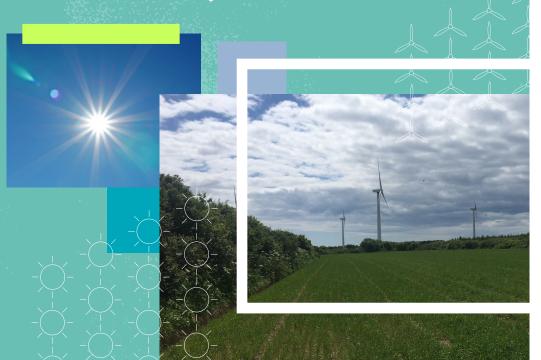
Next Steps

Following public consultation, SSE Renewables intends to submit an application for planning permission in the spring of 2023, this will be submitted via the Local Authority of Wexford County Council. This will be advertised and members of the public will have an opportunity to make submissions on the planning application.

If the planning application is successful SSE Renewables will plant 15% of the site area with native woodland species as per our Biodiversity Net Gain targets and also the requirements set out in the Wexford County Development Plan 2022 – 2028.

sse Renewables

Richfield Solar and Battery Energy Storage System

Information Leaflet January 2023

sse Renewables

About Richfield Solar and Battery Energy Storage System

About SSE Renewables

SSE Renewables is a leading developer and operator of renewable energy across Ireland and the UK, with a portfolio of 4,000MW of onshore wind, offshore wind and hydro. Part of the FTSE-listed SSE plc, our strategy is to drive the transition to a zero-carbon future through the world class development, construction and operation of renewable energy assets. Since 2008 we have invested over €2.5 billion in Ireland's sustainable energy infrastructure.

In Ireland, SSE Renewables is the leading developer, owner and operator of onshore wind farms. We operate 28 onshore wind farms making us the largest generator, and provider of renewable energy across the island of Ireland, through our sister company, SSE Airtricity.

SSE Renewables is proposing to develop a c.21MWp solar PV array (solar farm) and c. 10MW/2hr battery energy storage system (BESS) facility on lands near the existing 18 turbine Richfield Wind Farm in, County Wexford. This Wind Farm has been in operation since 2006 and can power almost 18,000 homes and helps to abate almost 22,000 tonnes of harmful carbon dioxide per annum. The Richfield Community Fund was launched in 2007 and so far around €334,000 has been presented to groups around the Wind Farm.

The proposed solar farm will be located in the townlands of Hooks and Yoletown in County Wexford while the proposed battery energy storage system (BESS) will be located adjacent to the existing substation at the Richfield Wind Farm.

Purpose of the development is to:

- Produce renewable solar energy co-located with a battery energy storage system (BESS).
- Assist in stabilising the electrical grid networks in County Wexford by storing energy generated at the proposed solar farm and existing wind farm during periods of high generation for release and use during periods of low generation and/or high demand on the national grid.
- Maximise renewable energy output to the existing grid connection. This means no work is required to the existing grid infrastructure.

Proposed development:

The proposed site area is 30.2ha and will comprise the following:

- Linear arrays of mounted solar panels up to 3.2m in height laid out from west to east to optimize the solar gain from a southerly aspect
- Approximately 6 containers to house lithium-ion batteries or similar technology
- Construction of internal cable to connect the facility to the existing Richfield Wind Farm 38kV substation
- Construction of communication cable ducting to connect the facility to the existing Richfield Wind Farm 38kV substation
- The grid connection will be via the existing Richfield Wind Farm 38kV substation
- Potential upgrade works to the existing Richfield Wind Farm 38kV substation