

## Dunfermline North Energy Park

**Client:** Ampyr Solar Europe

**Location:** Dunfermline, Fife

**Project Capacity:** 29.9MW Export Capacity with a total generation capacity of 49.9MW

The proposal is to develop approximately 75,000 solar PV modules, delivering approximately 29.9MW of renewable electricity.

Associated infrastructure will include an upgraded site access and internal access tracks, substation and office compound, security fencing and CCTV, and a Battery Energy Storage System (BESS).

The BESS will include lithium-ion batteries contained in metallic containers or multiple assembled racks. Approximately six inverter stations and field transformer units will be installed on site.

***Planning consent granted for the construction and operation of an Energy Park comprising Solar Photovoltaic Array (PV) and Battery storage. The project will provide enough energy to power 6,500 local homes.***



### Project Details:

- Project commencement Autumn 2019
- Submission of planning application to Fife Council in April 2022
- Planning consent awarded in August 2022

### Our Role:

ITPenergised acted as environmental project manager, and technical lead for ecology and noise. ITPenergised supported on this project from initial project feasibility through to planning submission. ITPenergised also provided post-submission support in addressing any questions raised by the council.

Whilst an EIA was not required, several environmental studies were needed. Specific sensitivities included landscape and visual, on-site ecological features including invasive species, noise, flood risk and drainage. Our in-house team and trusted partners undertook all surveys and assessment.

The project includes biodiversity enhancement through the creation of a wildflower meadow between panels and planting of native hedgerows and scattered tree lines.

### Outcome:

Planning approval was granted by Fife Council in August 2022. Construction is due to start in early 2023, with expected operation by the end of 2023.

