

Planning Statement for the Installation of a 40 Solar Panel Ground Mounted System at 3 Nock Verges, Earl Shilton, LE9 7DY

Introduction This planning statement supports the application for the installation of a ground-mounted solar panel system consisting of 42 panels within the rear field of the property located at 3 Nock Verges, Earl Shilton, LE9 7DY. This initiative aligns with local and national policies encouraging renewable energy use and sustainability.

Site Description The proposed site is situated within the rear field of the property at 3 Nock Verges. The area is predominantly rural with residential properties interspersed within agricultural fields. The site is well-screened by existing vegetation, minimising visual impact on the surrounding landscape.

Proposal Details The proposal involves the installation of a ground-mounted solar photovoltaic (PV) system comprising 40 panels. The system is designed to provide renewable energy to meet the property's electricity needs, thereby reducing dependence on non-renewable energy sources and contributing to lower carbon emissions.

Design and Layout

- **Orientation and Positioning:** The panels will be installed in a south-facing orientation to maximise sunlight exposure and energy efficiency. The ground-mounted system will be positioned to avoid shading from existing trees and structures.
- **Height and Dimensions:** The panels will be installed at a height that minimises visual intrusion while ensuring optimal energy capture. The overall footprint of the installation will be compact, preserving the majority of the field for its current use.
- **Material and Appearance:** The panels and supporting structures will have a low-reflectivity finish to reduce glare and blend with the natural surroundings.

Environmental and Visual Impact

- **Biodiversity:** The installation will not adversely affect local wildlife. The area will be maintained in a manner that encourages biodiversity, with wildflowers and grasses allowed to grow around the installation.
- **Visual Amenity:** The site's natural screening will be supplemented as necessary with additional planting to ensure the installation is unobtrusive. The design minimises visual impact from neighbouring properties and public viewpoints.
- **Noise and Disturbance:** The operation of the solar panels is silent, ensuring no noise disturbance to the local community.

Access and Maintenance

- **Installation Access:** Temporary access for installation will be arranged via existing driveways, causing minimal disruption.
- **Maintenance:** Regular maintenance will be scheduled to ensure the system's efficiency and longevity. No additional parking provisions are required for maintenance activities, as existing facilities are sufficient.

Community and Economic Benefits

- **Renewable Energy Contribution:** The proposed system will generate renewable energy, reducing the property's carbon footprint and contributing to local and national renewable energy targets.

Conclusion The proposed installation of a 40-panel ground-mounted solar PV system at 3 Nock Verges is a sustainable development that aligns with policy objectives and local planning guidelines. The project will provide significant environmental benefits with minimal impact on the surrounding area. We respectfully request the planning authority's favourable consideration of this application.