

Report of Farm Conservation Liaison

Subject: Greening Agriculture Report – Application for Consideration

Purpose of Report:

Members are requested to review one application and to come to a decision in respect of the requests for grant funding. Details of the application received can be found below.

1. Application for consideration

REF	Applied for	Cost	Score
GA23/PEA	Solar system (53kw) -with 33.kwh Battery Storage	£60,078.93	15

Pearson Farm operates a dairy system centred around 300 pedigree Holstein cows, producing an average of 12,000 Liters of milk per year. A recent focus on cow health is evidenced by adaptations in animal housing, optimizing airflow to regulate temperatures and foster a comfortable environment for the livestock. Incorporating modern technology, Pearson Farm employs 5 milking robots, streamlining the milking process and enhancing overall operational efficiency. This not only boosts productivity but also underscores the farm's commitment to combining innovation with traditional practices. In addition to dairy production, Pearson Farm manages a diversified farming enterprise encompassing the cultivation of potatoes, barley, and maize. This holistic approach to agriculture maximizes land use and reflects the farm's commitment to sustainable and balanced farming practices. The farm's potato enterprise takes an active stance on environmental responsibility. Comprehensive carbon audits are conducted for both salad and main potatoes, highlighting Pearson Farm's dedication to minimizing its carbon footprint and adopting sustainable practices. The farm's 20 kW wind turbine significantly contributes to offsetting the annual energy usage of 250,000 kWh, demonstrating their proactive approach to renewable energy integration. Building on its existing sustainability efforts, Pearson Farm has successfully implemented a new heat recovery system. With aspirations to further enhance cost savings and environmental impact reduction, the farm is exploring the installation of solar PV panel and Battery Storage.

Officer recommendation: approve 70 % of £30,000 (Grant Cap)

The applicant has shown how the capital can be used to reduce their energy usage in turn reducing their carbon emissions by installing a Solar and Battery System.
Total Value Circa £60,000 - 53kw Solar array with 33kwh Battery System

Officer Recommends Approval at 70% of Grant Cap – Totalling £21,000

Background Documents:

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