

# Case Study: Joan Desmond

installed by LVP Renewables

## Overview

LVP Renewables designed a 5.22 kW hybrid solar PV system tailored to Joan's needs, pairing 12 high-efficiency panels with a battery. This hybrid setup gives Joan's system the flexibility to manage self-consumption intelligently, shifting loads as needed and optimising both usage and export.

**Date of Installation:** 08/05/2024

**Installation Size:** 5.22kW (12 Panels)

**Year 1 projections:** 4,102 kWh's

**Payback period:** 7.5 years

### Why LVP Renewables?

- *Over 15 years in the industry!*
- *Clear, transparent paybacks delivered*
- *We handle the paperwork*

## Background

Joan approached solar with long-term sustainability in mind. With energy prices rising and a desire to future-proof her home, Joan wanted more than just panels on the roof. A system that could store power, reduce reliance on the grid, and offer a meaningful return over time made the most sense.

## Deliverables

Under the final proposal, he was assured key financial and operational benefits on his house.

- Solis Hybrid Inverter
- Dyness 5.12 kWh Battery
- **Initial projection Year 1:** Projected to produce 4,102 kWh's in the first year
- **Actual delivery Year 1:** 4,343 kWh's

## Conclusion

"Everything was clear from the beginning, and the team at LVP Renewables made the process straightforward. It just works – and I barely think about my energy bills anymore."

Joan's hybrid system is more than just an energy upgrade; it represents peace of mind, environmental stewardship, and a clear path to energy independence. In addition, the system has performed better than expected, working towards reducing the payback period



[www.lvprenewables.ie](http://www.lvprenewables.ie)



[info@lvprenewables.ie](mailto:info@lvprenewables.ie)



LVP Renewables



**Reduce energy  
bills**



**Carbon footprint  
reduction**



**Contributing to a  
better world**

**Call LVP today on 01-8643838 for further information!**