

# CASE STUDY



## Home of the Future

New build with full AES Solar product range

### Project Overview

This new-build domestic property with solar thermal and 4 kWp solar PV system includes a Tesla Powerwall for battery storage all installed by AES Solar.

The AES Luminary 2.5 collectors (the last two panels to the left) were designed and manufactured by our experienced engineers and installed alongside the 14 solar PV modules. The Tesla Powerwall will store the excess solar power produced by the Solar PV, instead of exporting to the grid. This new build of the future is now well on its way to energy independence!



This solar-plus-storage solution will utilise the free, abundant power of the sun. This will increase self-consumption making the household less reliant on the grid and rising energy bills.

- Solar Thermal: 2 x AES Luminary 2.5 AR Flat Plate Solar Collectors
- PV Modules: 14 x 295W Solar PV panels
- Battery: Tesla Powerwall
- Mounting: Renusol Trisole Mounting Frame

“AES Solar are always a pleasure to work with and this occasion was no different. This client had specific needs and AES Solar were available to help from start to finish.”

- Grant and Geoghan Architects



**AES Solar offers extensive experience with solar systems for both domestic and business clients. Established in 1979, let us power you up!**

Solar Thermal • Solar PV • Battery Storage  
Design | Manufacture | Installation | Servicing

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