

CASE STUDY

- **Project:** Commercial and Domestic rooftop solar PV and battery energy storage
- **Site:** Gary & Josh Moore Racing - Cisswood Stables



Gary & Josh Moore Racing - Cisswood Stables

Solar UK is very proud to have delivered a 15.3kWp solar PV and 20.4kWhrs battery storage system for one of the UKs leading racing yards.

Our remit was to deliver a system that would enable the racing stables to reduce their energy costs and carbon footprint and secure their energy supply.

In discussion with Jayne Moore, the Solar UK technical design team focused on a system split across the main stables & office and the main house, where a conservative energy saving of 43% per annum is predicated



Gary & Josh Moore Racing - Cisswood Stables

Main Stables & Office = 11.7kWp solar PV array using 26 x 450W JA Solar modules. A 10kW 3-phase hybrid inverter from EcoFlow Power Ocean. And a 15.3 kWhr battery storage system from EcoFlow Power Ocean.



15.3KWhr Battery Storage



PV Mounting System



PV Modules



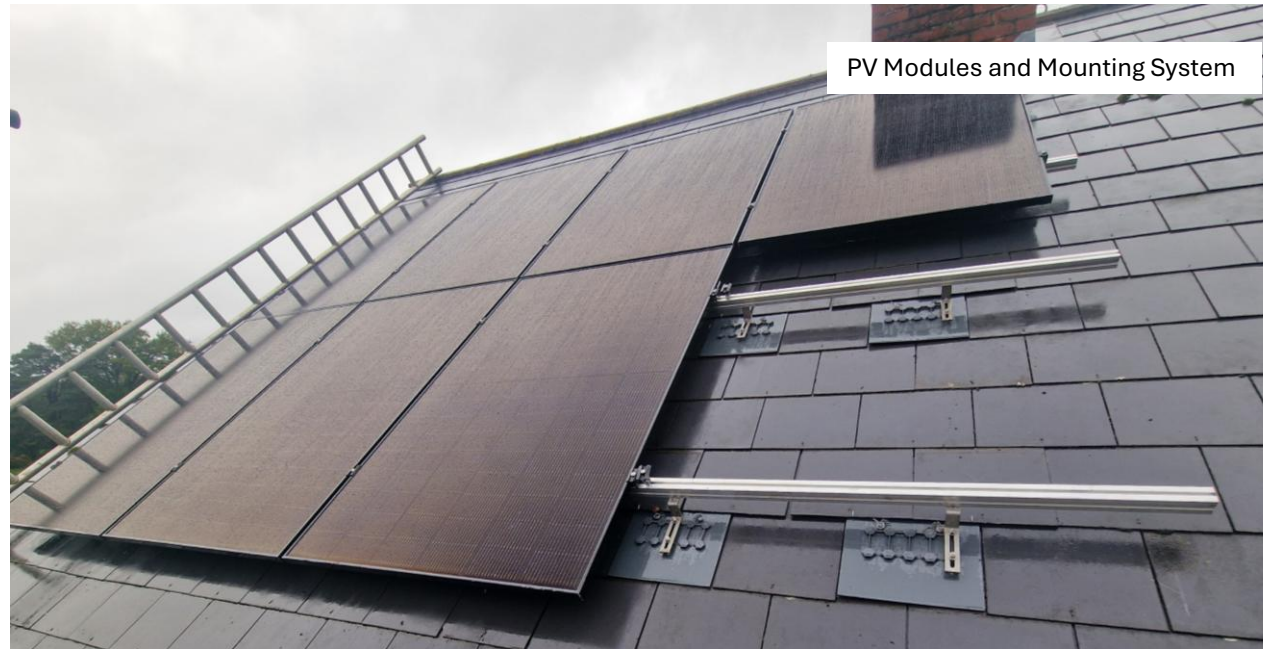
Cabling



Stable Yard Scaffolding

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Main House = 3.6kWp solar PV array using 8 x 450W JA Solar modules. A 3.6kW single phase hybrid inverter from EcoFlow Power Ocean. And a 5.1 kWhr battery storage system from EcoFlow Power Ocean.



Gary & Josh Moore Racing - Cisswood Stables

“We are really pleased with the work carried out by the entire Solar UK team. We were a little nervous about the disruption and noise on the horses, but Solar UK were sensitive to that and made sure that all elements of the installation, from the scaffolding and internal cabling, through to the panel fixing and testing, were of minimal disruption.

We are very excited about the future savings we will see over the next 20+ years and would not hesitate in recommending Solar UK to other racing yards and studs who are considering solar and battery”

- Jayne Moore

“This was a great project to be asked to deliver. The Moore Family are one of the Uks leading horse racing trainers, and we know the trust they placed in us to deliver such an investment for their future.

The entire team were extremely careful across all aspects of our planning and implementation to make sure noise and disruption was kept to a minimum to reduce any stress on the horses.

We wish the Moore Racing team every bit of luck for the future, and know that their `energy future` is in a fantastic position ”

- Duncan Lee (Technical Director) Solar UK