

WATKINS COLE

MULTI-DWELLING DEVELOPMENT

- ORDNANCE MEWS
- HELMSDALE HOUSE
- MELROSE & KEITH



PROJECT OVERVIEW

This project comprised rooftop solar installations across 15 new homes in Northwest London. The goal was to install three panels per property – generating 0.9 kWp – to meet SAP requirements. System design and delivery were tailored to suit varying roof types and the developer's need for a flexible, low-impact solution.

SCHEDULING

The installation followed a strict timeline, with each phase carefully planned around the wider construction programme. Collaboration with the builder and developer ensured safe roof access and internal access for cable runs, allowing the work to progress smoothly alongside other trades.

MOUNTING SOLUTIONS

The site included flat green rooves and pitched slate rooves, requiring versatile mounting systems that wouldn't disrupt the build schedule. Ballasted systems were used on 12 flat rooves to avoid penetrations and protect waterproofing, while in-roof systems provided a seamless finish on the three slate rooves.

SYSTEM COMPONENTS

- ✓ **Solar panels:** 3 × JA Solar panels per property (45 total)
- ✓ **Inverters:** 1 × Solis 0.7kW inverter per property
- ✓ **Mounting system:** RenuSol Consol+ ballasted systems (12 flat green rooves); GSE in-roof mounting systems (3 pitched slate rooves).

OUTCOMES

The solar installation was completed on schedule with minimal disruption to the wider build programme. Each home was designed and installed to meet SAP targets, ensuring compliance with Part L of the Building Regulations.

The result is a development that delivers improved energy efficiency, reduced carbon impact, and long-term value. It also offers added appeal to eco-conscious buyers while supporting the developer's sustainability goals.

