LVP RENEWABLES PHOTOVOLTAIC (PV) Solution Meets Part L Requirements:

How LVP Renewables Met Part L Regulations With Their PV Solution:

" 2 New Builds In Dublin, Our Client Decided NOT To Install An Air To Water Heat Pump At The Last Minute."

We were approached by our client to review two new build houses in Dublin. It was unusual in that we usually meet with clients prior to a new build and provide options to meet part L regulations. Our client in this case had initially decided to install an air to water heat pump but then changed his mind at the last minute due to the noise the system would generate and also to utilise the space as best he could so he decided to install a gas combi boiler without thinking about the Part L renewable requirement.

The Challenge:

When we arrived on site our client had already built these two apartments which were not part L renewable compliant. They had already installed a gas combi boiler for heating and hot water. Therefore our thermodynamic solar panel solution was off the table as an option.

LVP Renewables **CASE STUDY**

Unit D7, North City business Park, Finglas, D11.

Gas-Combi:

The gas combi unit was ideal for the client as he wanted to use the space as efficiently as possible, however it did not help his part L compliance or his CO^2 emissions/Primary energy Limitations.

Second Fixing Completed

At the time of our survey, we noted that the house was already slabbed and painted with furniture already in place so we needed to provide a solution that would not affect the structure or fittings already in place in the house. We were also time constrained so we had to be in and out as quickly as possible.

THE SOLUTION:

WE INSTALLED A PHOTOVOLTAIC (PV) SOLUTION TO MEET BUILDING REGULATIONS

We sized 5 Trina PV panels (1.3kW array) in order to comply with the renewable contribution as well as primary energy CO^2 emission limitations. In order to meet the 4KW/H part L compliance for renewable energy we needed 3 panels per house. However to meet the primary energy and CO2 emissions limitations it was determined that we would need 5 Panels. The solution ticked all the boxes for our client.

For Further Details Call Us On 01-8643838

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