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Madrid, Spain: Isofoton Connects Photovoltaic Greenhouse to the Grid



Isofoton has connected a photovoltaic greenhouse to the grid, with 246.16 kilowatts of power. Subsidiary Isofoton Italia has carried out the project and the turnkey installation, which will access the maximum "Conto Energia" rate for total integrated photovoltaics.

The greenhouse is located in Recanati, in the Marche Region, and has 1,455 transparent, frameless Isofoton IS-170/24 modules, made to measure for total roof integration, substituting the greenhouse glass roof.

During the project, the distance between the cells was analysed in order to optimize the installation and permit increased light capturing, thus guaranteeing maximum production from the installation and the greenhouse crops.

Likewise, the inverters are located on the metal structures in order to gain the greatest aesthetic impact for the project.

The installation has been awarded two prizes as an excellent renewable energy project: one prize was adjudicated by Legambiente (one of the main environmental associations in Italy) and the other by BCC (Banca Credito Cooperativo).