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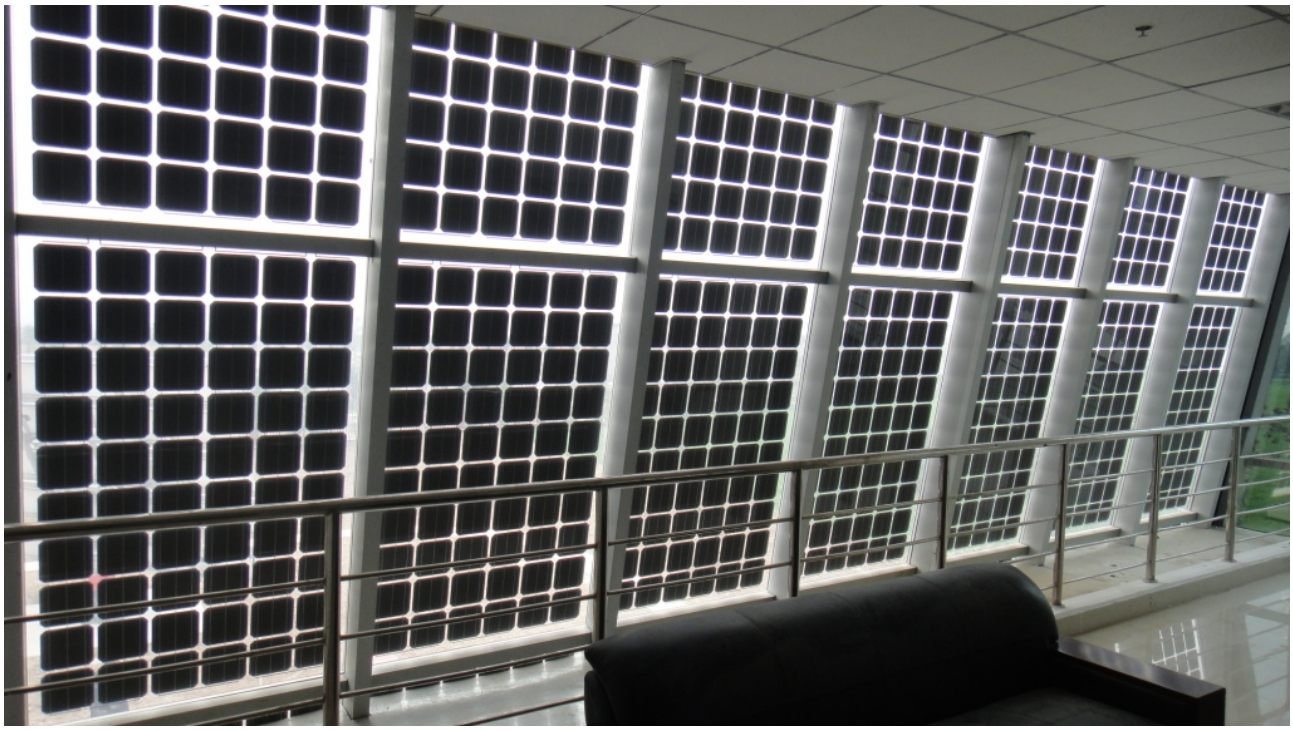
PHOTOVOLTAIC SOLAR ENERGY
BIPV-BUILDING INTEGRATED
PHOTOVOLTAIC COLD FACADES



The integration of photovoltaic modules in buildings can be carried out in very different ways and gives rise to a wide range of solutions.

The facades provide a first view of the building to the visitor. It is the means that architects and designers usually use to convey the idea of the building and the wishes of the client through a language of shapes and colors. If you are interested in projecting a futuristic, sophisticated and ecological image, photovoltaic materials will greatly help.

The Solar Innova modules of photovoltaic integration technology used in the BIPV installations are multifunctional. That is, in addition to generating electricity, they also meet all the requirements demanded by conventional facades: protection against weather agents, heat and acoustic insulation. On the other hand, they suppose an innovation of aesthetic character with respect to the conventional facades.

It is possible to configure the facade of the building using the photovoltaic modules as building material. The panels become an integral part of the building structure and as such, they have to provide the necessary resistant characteristics and protect them from external agents.

With regard to architectural design, the facade acquires a very neat and tidy aesthetic, thanks to the perfect assembly achieved between the panels, an uncommon design difficult to achieve with other materials.