Photovoltaic steel frame structure support

Can a solar array support structure withstand a wind load?
Even fixed solar array support structures have sofisticated design,that needs to be analyzed and often improvedin order to withstand the wind load. The same applies of course to adjustable designs to an even greater extend. The analysis has to be carried out for many wind directions.

How hydrodynamics-based structural response analysis is used in multiconnected floating photovoltaics?
In this study, a hydrodynamics-based structural response analysis procedure of supporting frames for multiconnected offshore floating photovoltaics (FPVs) is suggested. Based on the suggested simulation methodology, the dynamic behavioral characteristics of the system were investigated.

Can thin glass be used in photovoltaic modules?
Some research studies were conducted to support the determination of the location and height of the C-channel rail or the use of thin glass in photovoltaic modules .

We produce support structures for photovoltaic systems in our own machine park from the best steel from ArcelorMittal steel works in Magnelis ® metal coating, which protects against corrosion in extremely hostile conditions. For special ...