

Photovoltaic installation of 49.8 kWp in Chorzow

The photovoltaic modules used during the implementation were Selfa 405W and SMA Sunny STP 50-41 inverter. The panels were located on the roof of the building using a non-invasive mounting structure, facing south aiming at maximum energy production during the year. The construction design of the photovoltaic system was carried out, along with its connection to the power grid. In addition, for the designed photovoltaic system, a technical expertise for the evaluation of the roof's load-bearing capacity was carried out. Cabinets with protections were made and installed, along with wiring of the AC and DC side of the photovoltaic system. On the roof of the hall built with PV panels, a lightning protection system was made. Introl Automatics sp. z o.o. performed the entrusted tasks on time, in accordance with the art of construction and experience.