

Anadolu Cam



The reserve energy source of 4 networks with PLC control, can also be parallel to the network as used defined and load-sharing / synchronization is realized at the voltage of 6,3 kV.

Sector: Glass Industry

Project Type: Medium voltage project

About the company

It had started its operations in 1935 as the first glass production facilities of Türkiye. Şişecam Group is composed of 4 groups as Flat glass, Package, Glass Household goods and Chemicals. Anadolu Cam is Şişecam Group's company connected to Package Group, which produces glass packages. It produces packages at various volumes and colors for the food, water, mineral water, beverages, fruit juice, milk, beer, wine and other high alcohol drinks and pharmaceuticals and cosmetics sector. It is among the leading glass package producers of Europe thanks to the sizes it had achieved.

The Company's problem

Glass industry in Türkiye is in a disadvantageous position especially due to the high input prices. In order to protect its competitive power, the sector is directed towards increasing the productivity and decreasing the costs. In the sector, where there is a high level of energy usage, saving of electrical energy creates a considerable difference in the operating costs. In the establishment where the electricity supply and productive usage is critical, all the works on the consumption of energy had to comply with this principle.

Teksan Generator's Solution

TJ 2280 MS model generator set is designed to be operated again in a critical position in a sector such as glass industry which cannot tolerate energy interruption. Teksan generator engineers provided automation thanks to the system design which is controlled and commanded by PLC and operator panel. This way, the mains energy, the state of the available generators, the position of the breakers are monitored in the facilities and automation system is operated according to a specific scenario.

Results

Anadolu Cam Sanayi A.Ş., which is one of the important enterprises of the industry in our country, achieved the savings in the expenses arising of providing the sustainability of the production, manpower and products

Owing to the PLC and operator panel in the monitoring room, the operators are able to monitor all the medium voltage energy status of the whole plant through the command room, the position data of the breakers and the state of the generators.