

Turkish Telecom



Sector: Communication - Informatics

Project Type: Remote control system for generator sets.

Being the largest informatics company in Turkey and ranking as the 13th largest telephone company in the world, Turkish Telecom provides all modern communication and data transfer services at high technical and service levels, and operates a customer-oriented service system.

Taking all of the technical measures needed to provide its services at a high quality level and without interruption, Turkish Telecom cooperated with Teksan Jeneratör to reduce its service risks to minimum.

Customer's requirements

Some of the transmitters of Turkish Telecom are located at nearly inaccessible sites, so that generators installed for them must run without human intervention in case of power failure, and the possibility that generators might be broken down by weather elements must be reduced to minimum.

Solution developed by Teksan Jeneratör

A system was installed to start refilling the daily fuel tanks automatically when their fuel level drops to 25% of their volume, from 10-ton main fuel tanks.

Special heaters were installed in key units of the generators to protect them against cold weather elements. Said units include interiors of the alternator, control panel, contactor panel, main fuel tank and daily fuel tank, so that the generators were ensured to run even under ambient temperatures as cold as -40°C.

Furthermore, special cabins were designed and manufactured to protect the generators against weather and other natural elements as much as possible.

Results obtained

Generators located in areas where the winter is harsh were ensured to run without interruption.