

# Uninterrupted power for uninterrupted communication

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Our customer enjoys a prominent position in Europe, U.S.A. and Far East through its affiliates, partners and investments, and provides a wide range of mobile telecommunication services on 5 continents.

**Sector:** Telecommunication

**Project Type:** 28 units of 30 kVA automatic generator sets installed in cabins, remote control system, fuel tank sufficient for operating 36 hours.

## Customer's requirements

Our customer was the biggest mobile communication service provider in the world, and needed generators for its base stations erected in various areas of Turkey. Most of said stations were erected in nearly inaccessible sites, so that the customer needed automatically controlled generators not requiring human intervention.

## Solution developed by Teksan Jeneratör

The aim of this project was to provide generators running in an uninterrupted manner without requiring human intervention to supply power to 28 different cellular phone base stations throughout Turkey. 28 generators, cabins and automatic control panels were manufactured, and a remote control system was installed to perform most of the controls. Furthermore, the fuel tank for each generator was designed large enough to contain fuel for 36-hour operation.

## Results obtained

All requirements of the customer were met, so that uninterrupted communication with some of the remotest points in Turkey is now provided.