



Energy Report 2024

With the “2024 Energy Report”, we share with you our work carried out within the scope of Energy Management System Activities, which are among the priorities of our company.

Our energy consumption for the previous year used in our factories in Etimesgut and Sincan locations was reported to the Ministry of Energy and Natural Resources via Enver Portal in March 2025 in accordance with our regulatory obligations.

The fact that we are an export-oriented company and that we have many customers in Europe has obliged us to closely follow the European Union Green Deal. In this context, work has continued on carbon footprint calculation to determine our carbon footprint within the facility (ISO 14064).

2024 energy consumption and targets by departments were periodically monitored and presented to senior management.

In order to reduce natural gas consumption and utilize waste heat for energy consumption optimization, the oil temperature of 5 compressors in the Foundry Plant-1 was sent to the boiler room in the Machinery Plant-1 via heat exchangers. The heat energy obtained from the application was used to heat the workshops, field, MF offices and cafeteria.

In order to reduce energy costs and prevent unnecessary consumption in all factories, inspections were carried out through checklists, especially on Sundays when there was no production. Energy-consuming components were turned off so as not to affect machines and workbenches.

Electricity and natural gas specific consumption data were monitored daily and monthly and shared with Production and Maintenance Directorates in energy activity reports.

With the energy analyzer reporting system, electricity consumption was regularly monitored in Erkunt-1 and Erkunt-2 factories. The points where an increase in consumption was detected were shared with the relevant departments and actions were taken.

Diesel forklifts were replaced with electric forklifts and diesel fuel consumption continued to be reduced.

The diesel consumption of existing diesel forklifts and trucks was monitored through the vehicle identification system connected to the license plate. By allocating the appropriate vehicle for the appropriate job, efficiency in diesel consumption was increased.

Energy gains from the improvement works carried out within the scope of Kaizen projects continue to be evaluated in the projects.

Light intensity measurements were made regularly in the working areas. Periodic grounding and internal installation transformer checks were carried out.

For the Erkunt-1 Mechanization line, as of 2021/12, double term/single time tariff class was switched to double term/single time tariff class, resulting in a gain.