



Energy Report 2021

We present our studies performed as part of Energy Management System Activities, which is among the priorities of our company, with the “2021 Energy Report”.

Our energy consumption used in our Erkunt-1 and Erkunt-2 plants has been reported to the Ministry of Energy and Natural Resources.

Energy monitoring results and objectives on the basis of departments in 2021 were periodically followed up and presented to the top management.

Five team kaizens have been continued for energy consumption optimization. Four of them are aimed at reducing the specific consumption of electrical energy in all factories and areas, as well as detecting air leakages through routine controls and taking necessary actions to reduce leakages. In this context, actions were taken and improvement studies were carried out. The results regarding the systematic of reducing air leakage will be presented to the senior management via the periodically prepared energy activity report. Another kaizen worked within the scope of energy consumption optimization is about reducing the unit cost of energy and this kaizen has been completed.

Our diesel consumption has been continued to be reduced, throughly electric forklifts superseding diesel forklifts.

Diesel consumption for existing Diesel Forklift and Trucks has been examined from vehicle identification system linked to the license tag. Assigning appropriate vehicle to the appropriate job, an increase in productivity was achieved in diesel consumption.

With the articles related to the energy in the Erkunt Bulletin, current issues continue to be shared with all our employees.

Energy gains continue to be evaluated in the improvement works in the scope of Kaizen projects.

With the energy analyzer reporting system, user-driven development has been continued, considering feedback.

Luminous intensity measurements are made periodically in the work areas. Controls related with earthing, indoor electrical installation and transformer are also made periodically.

As a result of the changing billing system trainings in the scope of the Last Source Supply Tariff; energy cost per unit reduction studies have been made in the way that production is put emphasis in the hour intervals where the energy cost is low.

For the Erkunt-1 Mechanization line, the tariff class has been updated as double term/single time and contract power as 5,000 Kw as of 2021/12 period.