

SI lead energy advisor helped a piston making company improve profitability.



Identified energy consumed to turn 1 kg of aluminum into piston and heat losses in furnaces



The company **improved** night shift efficiency by monitoring energy use and addressing performance gaps



This led to **improved systems and increased management oversight** to reduce costs and enhance energy efficiency during the night shift.

Our Impact:



Ultimately, our interventions helped the client reduce its per kg cost of energy by **almost 40%**, saving the company PKR 6 million per year.



This significant impact was achieved with an **investment of less than PKR 1 million.**



The company applied our recommendations to other plant areas, **increasing our annual impact to over PKR 10 million.**