

Harmonics—high-frequency distortions in voltage and current—often go unnoticed, but their impact is real.

They cause energy losses, overheat equipment, and increase fire risks.

At one industrial site, SI utility advisory team conducted a harmonics study and discovered:



The company **incurring a cost of over PKR 400,000 monthly** in power factor penalties **with 1.5% in invisible losses**

Which led to:



Our results from the studies and recommendations being incorporated by the company, **saving them over PKR 50 million in just over 2 years**