

M/s Metrotex Industries– Decades of knitted & Woven Export business



Light Management at Stitching Floor

"We are fully satisfied about the Energy audit & its outcome. We appreciate the services & efforts of ESPIRE for Energy saving and hope it will be beneficial for Industries as well as for our beloved Homeland."

Mr. Sarfaraz Khan Qaim Khani
Chief Executive, Metrotex

ESPIRE is a partnership project between bfz gGmbH, Business associations, and SMEDA.

By partnering with **ESPIREEnergy**, industries are leveraging their own efforts to save energy and thus reduce costs, by adopting the following three services:

- ▶ External **Energy Audit (EA)** for status quo analysis of energy consumption and recommendations for energy saving measures
- ▶ Installation of **Energy Information System (EIS)** for continuous measurement and monitoring of energy consumption and costs
- ▶ Implementation of **Energy Management System (EnMS)** in the factories for continuous control and reduction of energy consumption and costs with own staff.

▶ www.espire.com.pk

Background

M/s Metrotex Industries is a Garment stitching factory in export business situated in S.I.T.E. area, Karachi, Pakistan.

The company manufactures and exports international standard apparel while complying to international standards on quality and social compliance.

ESPIRE Intervention

In May 2012, Mr. Sarfaraz Khan Qaim Khani, Chief Executive Metrotex, showed his interest in Espireenergy in order to improve Energy Efficiency at Metro tex.

Through Energy Audit 6 energy conservation measures were identified with an annual energy saving potential of 0.627 Million PKR.

An Energy Team was formed and trained to ensure sustainability at the company to reduce its energy consumption further without external support.

For 3 months the consultant assigned by ESPIREEnergy monitored and supported implementation, documented the progress and quantified the realized cost savings.

Achievements

Metrotex implemented 4 improvement measures within 3 months which resulted in annual energy savings of 0.532 Million PKR with an investment of only 0.019 Million PKR and a payback time of less than a month.

To further improve the energy efficiency Metrotex has developed an energy team which is monitoring energy consumption and implementing energy saving measures without external support.

ENERGY SAVING MEASURES [implemented within first 6 months]	ENERGY SAVING [M-PKR/year]	INVESTMENT [M-PKR]
Repairing Steam Leakages	0.018	0.0
Cleaning of Exhaust Fan	0.024	0.0
Lighting Management	0.31	0.0
Replacement of Lights	0.18	0.019
TOTAL	0.532	0.019