



Monitoring energy usage in real time for individual households and common usage areas.
Control the voltage fluctuation
Accurate energy consumption could be determined

ElMeasure Energy Management System helped us detect power theft, few vendors in the same premises were stealing power by tapping lifestyle cable, Accurate MIS report is generated without any human error and saved at least 1 man hour per day.

- Life Style International Pvt. Ltd
Hyderabad - India

Lifestyle is part of the Landmark Group, a Dubai-based retail chain. With over 30 years' experience in retailing, the Group has become the foremost retailer in the Gulf. Positioned as a trendy, youthful and vibrant brand that offers customers a wide variety of merchandise at exceptional value for money, Lifestyle began operations in 1999 with its first store in Chennai. Currently there are 14 Lifestyle stores, 6 Home Centre stores and 1 Baby Shop store across Chennai, Hyderabad, Bangalore, Gurgaon, Delhi, Noida, Jaipur, Mumbai, Pune and Ahmedabad.

Power Utilisation:

Lifestyle Showroom at Begumpet, Hyderabad has Monthly Energy Consumption of 1,80,000 KWh, drawn from State Electricity Board (SEB).

Problems Faced:

- Low Power Factor at Individual Loads/Feeders.
- Power Theft.
- Unbalanced Load in Chiller Motors.
- Errors in Electrical Energy Accounting.
- Needless running of Chiller Plants.

Solution Components

EMS System :

- Multifunction Load Manager (Tiny Master Series) with digital output
- EMS Software with Elmet-16

A smart solution

Elmeasure Energy Management System Includes Multifunction Load Managers (Tiny Master Series) interfaced with Energy Management Software

ELNet 16.

*Investment
INR 2.4 Lakhs
Payback period
5 months*

Real Business results

1. Low Power Factor was improved by adding 50 KVAR Capacitor Banks in Individual Feeders. Now maintaining PF above 0.97 in all feeders.
2. Power Theft was detected through EMS. Since there are Multiple Vendors in the same premises, there was Power theft by tapping M/s. Lifestyle cable. The Energy consumption Difference was monitored between SEB Meter and Main Incomer Panel Meter. Some part of Power was used by other Vendors before LT Incomer Panel of M/s. Lifestyle.
3. Chiller Motors had unbalanced Loading. This was detected through EMS and was possible to Balance Loads in Chiller Motors in all Phases.
4. Accurate MIS Reports Daily, Weekly and monthly is being generated without any Human Errors. By getting MIS Reports through EMS, the manual data logging is eliminated and this saves at least 1 Man hour per day.
5. Un-necessary running of Chillers was controlled during week days when less number of customers were present in the Showroom.

For more information

To learn more about Life Style International installation, visit :
www.elmeasure.com/lifestyle



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