



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

***ElMeasure
Demand Control helped us
control our plants KVA
demand and stay within
sanctioned limits and
avoiding huge penalties,
Helped in increasing the
efficiency of the
manufacturing process***

- Samir S Pathre
Sri Chakra Polyplast (I) Pvt Ltd

Sri Chakra Polyplast (I) Pvt Ltd, a leading supplier and manufacturer of hot washed pet flakes located in Medak district of Andhra Pradesh, India. The company established in the year 2009 has since grown to be a major supplier by providing quality products and value added services.

Problem faced:

The plant was facing the problem of often exceeding the Maximum Demand, hence paying a huge penalty to the service provider.

Solution Components

- Maximum Demand Controller with TOD and Rs485 port
4 Relay control output
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Real Business results

- The penalty charges imposed by the State Electricity Board were avoided by maintaining the energy consumption within the sanctioned load.
 - Field Programmable Forecast or Step Demand feature in the product has helped to cut off non essential loads and maintain the demand.
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Investment

INR 45000

Payback period

< 1 month

A smart solution

ElMeasure Brand Maximum Demand Controller with TOD and RS 485 port, 4 relay control outputs is fitted in the incomer panel to continuously monitor and control the contract demand as per TOD.

The maximum Demand Controller continuously monitors the rising demand and maximum demand in advance. Out of four relays we are using 2 relays, one is for alarm and one is for breaker tripping. The meter gives accurate information on quantum of load to be shut down. If the customer does not switch off the entire loads by using the second relay, the first relay of the meter would shut down the main breaker before rising demand exceeds the Maximum Demand in the meter, this eliminates exceeding the Maximum Demand and thus avoids demand penalty. The meter's TOD feature has been very useful to program it time wise.

For more information

To learn more about Sri Chakra Polyplast Pvt Ltd installation, visit :
www.elmeasure.com/srichakra



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