

Second Prize

*Manufacturers of
BEE Star Labeled Appliances
(Agricultural Pump Set)*

TEXMO INDUSTRIES

Coimbatore (Tamil Nadu)

Unit Profile

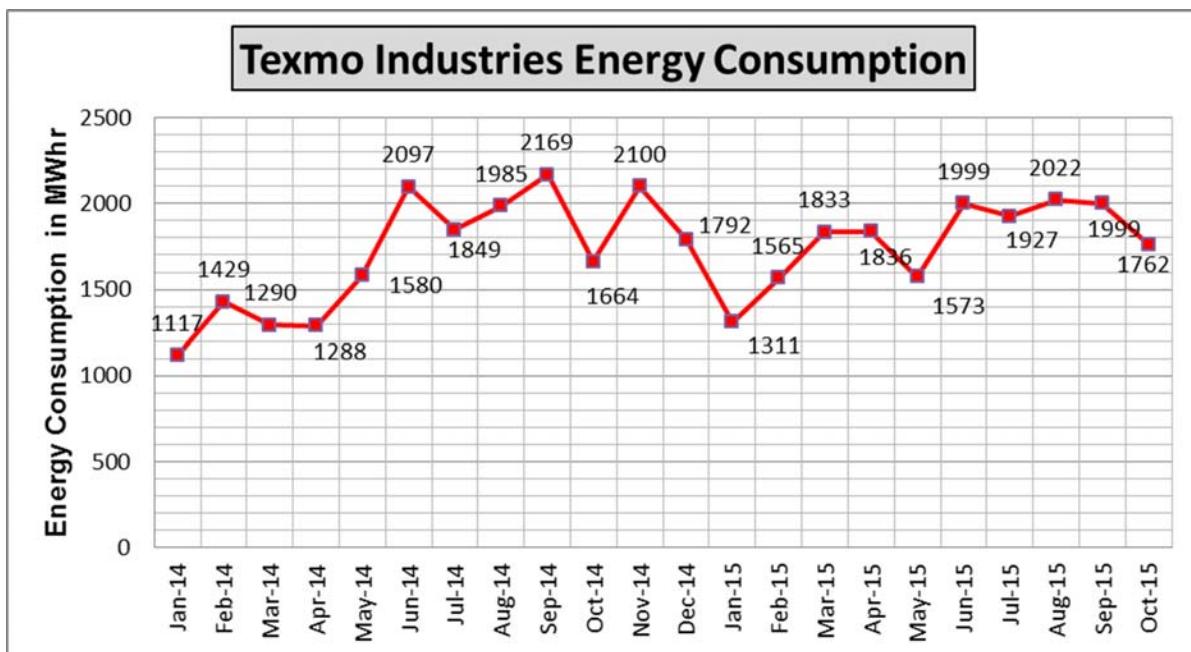
Founded in 1956, Texmo Industries have been at the forefront and been the pace setters in the electric motor and agricultural pump Industry since. Texmo Industries, primarily started to serve the nascent textile motor market, and today has an annual turnover of over eight and half billion INR, making it the market leader in India. Employing directly over 2500 people. Texmo Industries has a wide network of company branches and dealers making it possible for customers to be able to make use of company products and services in every part of the country. The goal is to make us as approachable as possible and to respond to customers as quickly as possible. In pursuit of these goals, company has installed flexible manufacturing systems and a wide variety of configurations and design platforms that can be shared by a family of Products. Company has widened its platform base to meet its customers' needs.



Energy Consumption

Texmo Industries strongly believes that the Energy (in any form) is back bone of the country. Company keenly monitor every unit of the Energy Consumed through engineering team with modern monitoring system. As company is having 3 major manufacturing units, the energy consumption of these units are given below. Texmo Industries makes the awareness among their stakeholders.

Texmo Industries having wind mills, to generate electrical energy. It is proud to say that its Wind mills generation capacity is strong enough to meet major portion total consumption,



Energy Conservation

The pump industries usually manufacture three categories of pump sets namely, star rated pump sets, ISI certified pump sets and non ISI pump sets. Star rated and ISI pump sets are necessary only to the selected orders. Texmo industries supplies star rated pump sets instead of non ISI pump sets. It used to implicitly convert non star rated pump set orders to star rated pump sets.

Texmo Industry put its maximum effort to educate the end user about the importance of using energy efficient products. Marketing team regularly meets the customers and insists about the usage of star rated pump sets. The customers paying for electric power, quickly understands the advantage of star rated pump sets and those who using free power are not showing much interest in star rated pump sets. They are looking for high discharge pump sets only.

Texmo Industries improves the energy efficiency of this high discharge pump sets and obtained star rating also. Both categories of customers are now having the choice of choosing only star rated pump sets for their requirements. This maximizes the usage of star rated pump sets and leads to energy conservation.

All India, the voltage variation in the agriculture power line is very high. There are several reasons for the poor voltage. Some of the reasons are tail end loads, difference in connected load and sanctioned load, very old and under rated power lines. These obstacles cannot be overcome in short period and easy manner.

As a pump manufacturer by making the star rated pump sets which can withstand wide voltage band and gives best possible energy efficiency in off design conditions can serve the nation in energy conservation.

Apart from energy conservation through the Products, Texmo Industries reviews and improves effectiveness of its own power consumption in its manufacturing plants. While replacing old machineries with advanced ones, its energy efficiency is also considered. Exclusive Engineering team conducts Energy audit to conserve the energy during consumption. Additionally company ensure the reduction of electric energy usage by providing sufficient ventilation in the plant, introduced air ventilators for effective exhaust system, usage of transparent sheets on the roof for proper sunlight.

In pump set, comparatively least efficient part will be the pump portion. Texmo industries have invested a lot to improve the efficiency of the pump. Impeller and casing design were revisited and modified to achieve the best possible levels. Design professionals are continuously interacting with educational institutions and with other organizations to update their knowledge. Having best design, using adequate right active materials and adopting precise manufacturing methods make company products of energy efficient.