

Action name	Energy Efficiency in Street Lights	Power saving in H.T. connections by providing Automatic Power Factor Control panels
Action Type	Use of Microprocessor based Almanac timers for precisely switching ON/OFF street lighting considering seasonal changes	We have provided & maintained proper capacitor banks at all these H.T. connections and also provided Automatic power factor controllers. As per the recommendations of Energy Auditor, power factor correcting capacitors have been installed near load center.
Start and end dates	2001-2007	2001- 2003
Summary (2-5 sentences)	Energy saving achieved by microprocessor based 3 phase cyclic switching timer: As a part energy saving, Thane Municipal Corporation has provided more than 170 numbers of microprocessor based 3 phase cyclic switching units in streetlight panels for precisely switching ON/OFF of street lights considering seasonal changes. Also, this item has been included in regular maintenance schedule of street lighting. Average, minimum 30 % energy saving can be achieved. Naturally, the percentage of energy saving will vary as per the streetlight switching ON/OFF pattern.	The hospital has earned total incentive of Rs.9.6 Lakhs (17454 USD) from state electricity board for maintaining power factor near to unity.
Implementation status	Completed	Completed
Budget	Rs. 10,00,000/-	Rs. 10,00,000/-
Local Govt. Share		
Financing source	TMC	TMC
Additional benefits	Savings achieved about 15,00,000 units per annum. In fact more saving is achieved due to indirect saving on account of reduction in maintenance expenditure due to reduction in burning hours of lamps	Earned incentive from Electricity Supplier Company