

Af-Ford-able Lighting Solution



SITUATION:

Spread over 400 acres, the Ford India plant in Maraimalainagar has been working since 1999. The lighting requirements of the plant, especially the yards, are fulfilled by metal halide lights. These lights, however, are energy intensive.

PROBLEM:

In 2008, Ford India was in the process of expanding production and supporting facilities to double the capacity of the existing plant and set up an engine plant. The expanded facility needed lighting solutions, but the necessary use of metal halide lights would have greatly increased electrical consumption and costs.



SECTOR:

Manufacturing

PRODUCT:

Energy Conservser

SOLUTION:

Consul Neowatt approached the Company with a proposal for using Energy Conservser to help reduce the costs incurred by the use of metal halide lights. As Ford was unfamiliar with the product, the Consul Neowatt team explained the system in great detail and also conducted a live area demo for 10 days to demonstrate the product's efficacy. The significant reduction in electrical costs during the demonstration led to Ford placing an order for the Energy Conservsers.

RESULT:

Consul Neowatt worked with the engineering consultants appointed by Ford to install 6 units of 150KVA Energy Conservsers, one of which was placed exclusively for the paint booth, while the remaining were spread across the other manufacturing areas. The installation of the Energy Conservsers resulted in energy savings of up to 28%.

