

Watt Watchers on the Factory Floor

SITUATION:

Caterpillar, the US mining and construction equipment giant, operates a plant on the outskirts of Chennai. The sprawling 12 acre area houses the factory, which is illuminated by metal halide lights.

PROBLEM:

While the lighting needs for work in factory situations are adequately met by metal halide, their energy and electricity consumption is large.



SECTOR:
Manufacturing

PRODUCT:
Energy Conserver

SOLUTION:

Consul Neowatt recommended the use of its Energy Conserver to lower electrical costs. A limited area demo was conducted for 7 days to demonstrate the working and efficacy of this solution, leading to an order for the installation of 12 units of 45KVA Energy Conservers.

RESULT:

Caterpillar found that their monthly electrical consumption was reduced by an average of 25 – 28%.

