

Case 3: THE GOD OF BIG THINGS

A unique opportunity arose, when a leading German MNC, based in Bangalore contacted us for their internal project on energy saving. Interestingly, the Company had various places in their premises which had lights on for long hours even when no one was using them.

The need to implement was more to improve the current energy consumption pattern. For this, they approached us to understand what sensors are and what they can do.

The way things progressed, our numbers and projections of savings based on usage pattern tempted the stake holders to implement in their premise in Bangalore. The installation was over 2 days of time. We did sensors only for areas which are not used continuously and timings were set to match the usage patterns.

To bring in more success, we also gave a formal orientation to the entire Company Team Members before hand-over to ensure ease of experience.

Some numbers of the study are as follows:

Number of Lights	69	69	33	33
Wattage	18		36	
Hours of Use	12 - 18	4	12 - 18	4
Units per day	18	5	25	5
Units per year	6570	183	9125	183
Price per Unit	9	9	9	9
Bill Every Year	59130	1647	82125	1647
Savings every year with Sensors	117045 INR			
Sensor Value avg	1070 INR			
Payback Period	4 months			

Benefits:

- 1) Pay for Electricity Used
- 2) Added Security in the area of installation

What to look for?

Areas in commercial spaces/ offices/ factories/ warehouses which have lights burning even when not required.

What to say?

Would you like to reduce your operational expense on lighting and control it better?