

EESL: Leading the highway to Energy Efficiency, one Dhaba at a time

The UJALA scheme is not only impacting individual households in reducing their energy requirements, but has also resulted in immense benefits to small and medium scale businesses. EESL has helped numerous dhabas alongside the Delhi-Chandigarh highway with replacement of conventional lighting by LED bulbs. The newly installed LED lights are brighter; hence they attract more crowds than before. Moreover, these LED lights have led to an immense reduction in the owners' electricity bills and are helping the owners of the dhabas overcome genuine business challenges.

Case 1: Bright, Vibrant and Happening – Food Garage NH-1

The owner of Food Garage in NH-1, Mr. Manish Dhamija took assistance of EESL and replaced over 250 incandescent and CFL lights with LED bulbs in the restaurant. This has resulted in a 50% reduction in the monthly electricity bill, while footfalls have significantly increased after the replacement. Consumers can now locate the dhaba from far away due to the increased brightness of the place. According to Mr. Dhamija, he has had a wonderful experience after the replacement. He has also personally recommended his family and friends to switch to using LED bulbs.

Case 2: 79 Milestone Dhaba – Brighter, safer than ever!

Mr. Dinesh Kumar, who runs 79 Milestone Dhaba on the highway has also taken to installing LED bulbs in the premises of his dhaba. He has successfully installed 250 LED bulbs, which have resulted in 50% savings in the dhaba's electricity bills. Mr. Kumar feels that the LED bulbs have increased the safety of the consumers inside the dhaba, so much so that even if a needle falls on the ground, one can easily locate it! Looking at the multitude of benefits of LED bulbs, Mr. Kumar has also replaced conventional lighting by LED bulbs in his house as well.

Case 3: A-1 Dhaba – A relief from hefty penalties

A-1 Dhaba, owned by Mr. Devdutt Sharma and Mr. Vijay Rana is an example where LED bulbs have positively impacted business operations. The owners replaced 250 lights with LED bulbs which has led to increased brightness, footfalls as well as increased safety of the customers. The replacement has reduced their electricity bills by upto 50%. Prior to the replacement, the owners paid as much as ₹45,000 for their electricity bill, which has reduced to as low as ₹15,000 post the replacement. Moreover, their internal load was 8kWh before replacement and the 25kVa generator was not able to take the load of lights that were put outside to pull in the crowd, due to which they paid heavy penalties to the government for overloading, every month. After the switch to LEDs, the total load itself is just 5kWh. Thus, the generator easily takes the load and they are relieved of hefty penalties. The owners now wish to replace their current fans and tubelights with LED tubelights and energy efficient fans.