



Implementation of Energy-efficient street lighting in SMC

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There is a vast scope for reducing the expenditure by adapting energy efficient street lighting. Street lighting is an essential public service typically provided by public authorities at the sub-national and municipal level. Cities are increasingly investing in energy-efficient street lighting systems to replace or enhance their outdated systems. While reliable and bright public lighting reduces accidents and crime and allows for economic activity after sunset, modern energy-efficient street-lighting technology can also lower energy consumption as well as operation and maintenance costs significantly.

Sambalpur Municipal Corporation has taken initiative to change the existing street light with energy efficient street light. SMC has already started replacement of conventional street lights with LED street lights to reduce the energy consumption by as much as 55 to 60% while at the same time enhancing the quality of lighting and reduction in the operations & maintenance costs. This would go a long way in promoting implementation of street light projects in various areas of Sambalpur Municipal Corporation.

SMC has already started changing and replaced old street light with the energy efficient LED lights from GM college Chowk to District head quarter Hospital, Modipara Chowk to kunjel pada chowk, San sadak, Bada sadak and Gaity road. SMC is also taking further step to change existing old light with the new LED lights in rest of the town.

Some of the attributes of these products

- **Minimum/low maintenance**

- **Will start on low voltage**
- **High brightness**
- **longer service life**
- **Easy installation**
- **low power consumption/Energy saver**
- **Elegant looks**
- **Durable**
- **Compact design and Perfect finish**
- **Eco Friendly**
- **Improved visibility and safety.**



Church chowk to modipada chowk District head quarter hospital road Hospital Road



Fraser club road



Goal bazaar chowk to kunjalpada (Gaity road)



Municipal High school



Pattnaik pada (Lady luis chowk to pirbaba Road)