

# ABSTRACT

## SOLAR AND WIND HYBRID POWER GENERATION SYSTEM FOR STREET LIGHTS AT HIGHWAYS

### INTRODUCTION

With the increased global warming concern it is becoming important to find an alternative to conventional energy sources causing less pollution and leading to sustainable use of available resources. This has encouraged renewable energy generation to become a leader in energy sector but the main obstacle in its path is its cost effectiveness. This has motivated for combining two or more renewable energy resources i.e. hybrid power generation. The paper deals with the study and design of hybrid system of solar and wind energy for rural area's electrification



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