

# Hybrid Solar Street Lights

Hybrid solar street lights in Panglao, Bohol, Philippines, are environmentally friendly. The source of its power in those lights is mostly from the wind, but those devices are also solar powered, so if the weather is not windy, power can be generated from the sun.



For operational benefits, consistent power generation means wind turbines can operate day and night, providing a consistent power supply. Those devices can produce electricity 24/7, even at night.

### **Reduced Carbon Emissions**

Hybrid solar street lights are generators that use wind and sun. The benefits for the environment are reduced carbon emissions, as wind turbines do not emit greenhouse gases during operation, making them a clean alternative to fossil fuels. Carbon neutrality means that the carbon footprint of wind energy is significantly lower than that of traditional power sources such as coal.

### **Economic Benefits**

Cost-effectiveness means wind power is often the cheapest form of electricity in many regions. Return on Investment (ROI) in wind turbines can generate enough energy to offset their manufacturing and maintenance costs in a relatively short period of time.

### **Remote Installation**

Remote installation, meaning wind farms can be built in remote locations, reducing the impact on populated areas.

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