

# **SOLAR PLANT**

Future of Energy



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# **WHAT IS SOLAR PLANT?**

A Solar Green Plant business is an innovative idea that combines renewable energy with sustainable agriculture. This concept leverages solar energy to power greenhouses or vertical farms, optimizing the growing environment for plants while minimizing energy costs and carbon footprint



## *WHY THIS IDEA IS FUTURE*



- Sustainability
- Urban Agriculture
- Energy Efficiency
- Economic Benefits

## **SUSTANIBILITY**

It means using resources in a way that doesn't harm the environment and ensures future generations can use them too.

## **URBAN AGRICULTURE**

Growing food in cities, like on rooftops or in small community gardens.

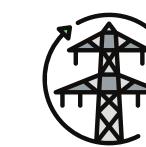
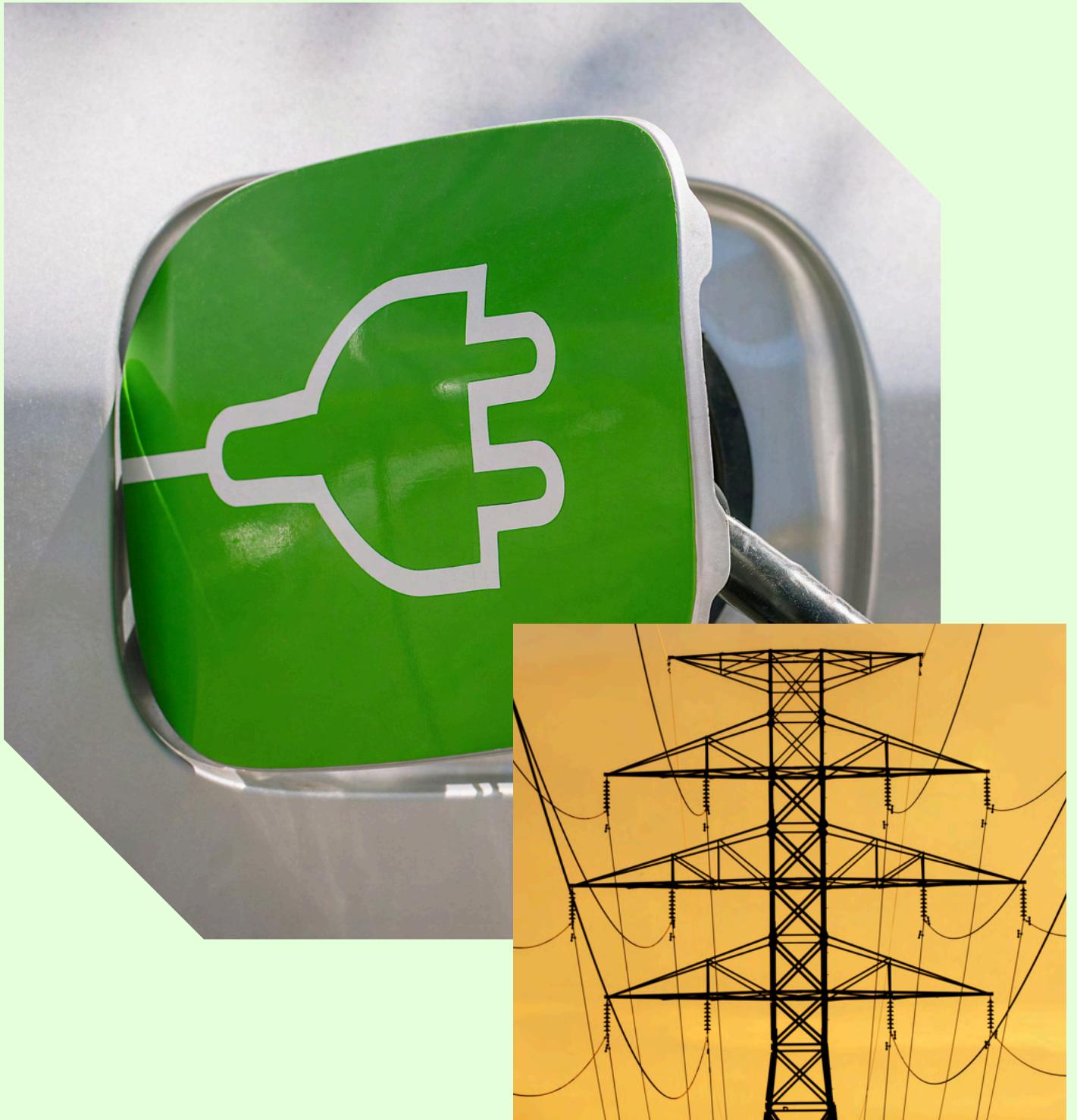
## **ENERGY EFFICIENCY**

Using less energy to do the same things, so you save energy and money

## **ECONOMIC BENEFITS**

Financial advantages from using smart or sustainable practices, like saving money or creating jobs.

# ADVANTAGES



Reduces Electricity Bills



Environmentally Friendly

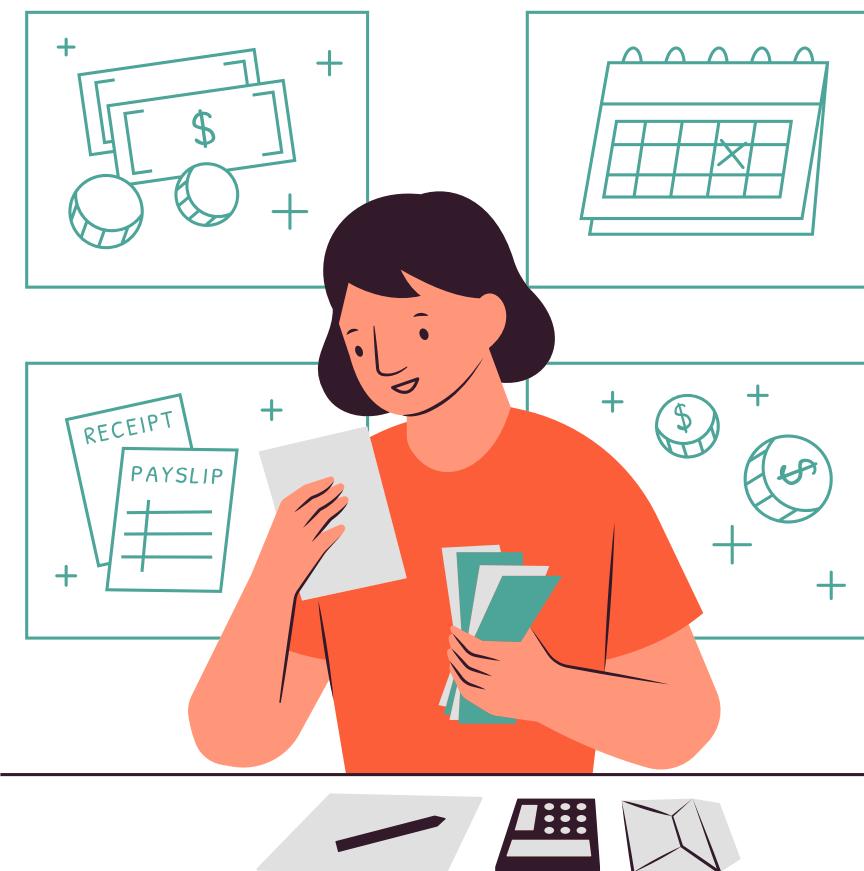


Renewable Energy Source



Low Operating Costs

# Total Budget



**9crores**

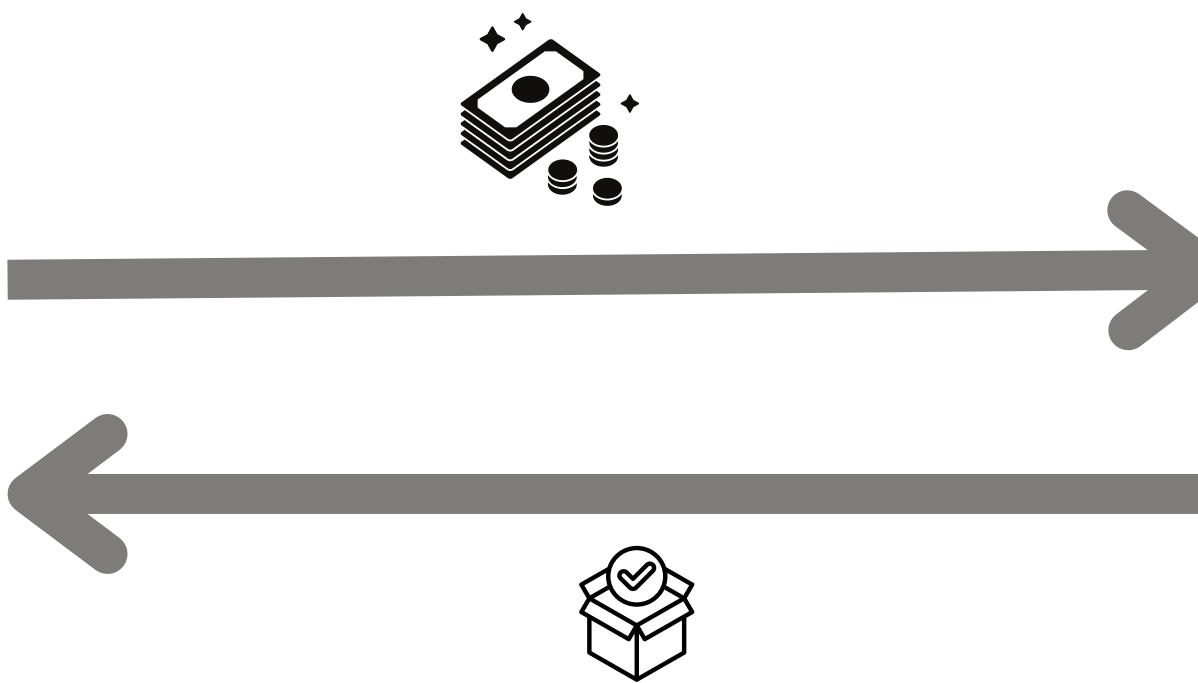
1cr per investor

# B2P



*Person*

*Supplier*



# *1 Megawatt (MW)*

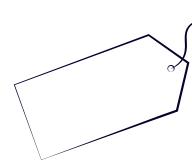




***1 mgW = 827 Houses***

1 MW of continuous power can roughly supply electricity to about 827 average households in the USA for a year.

***1 panel = 575 watts***



**43,142 NPR**



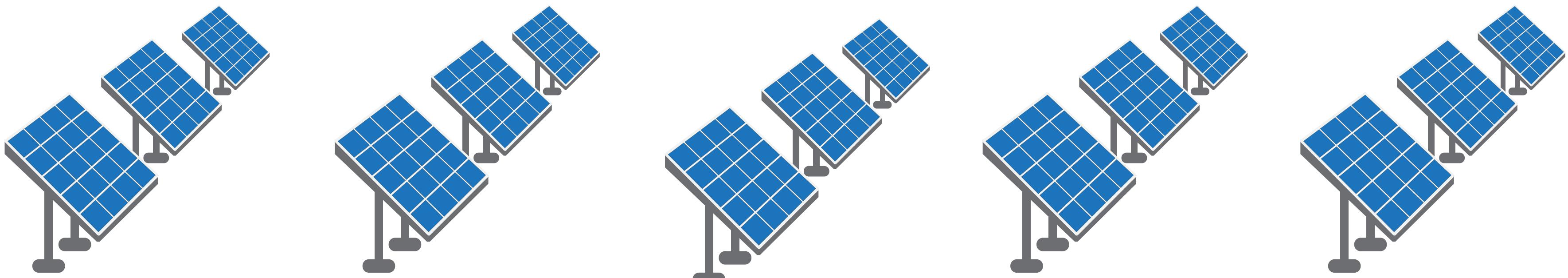
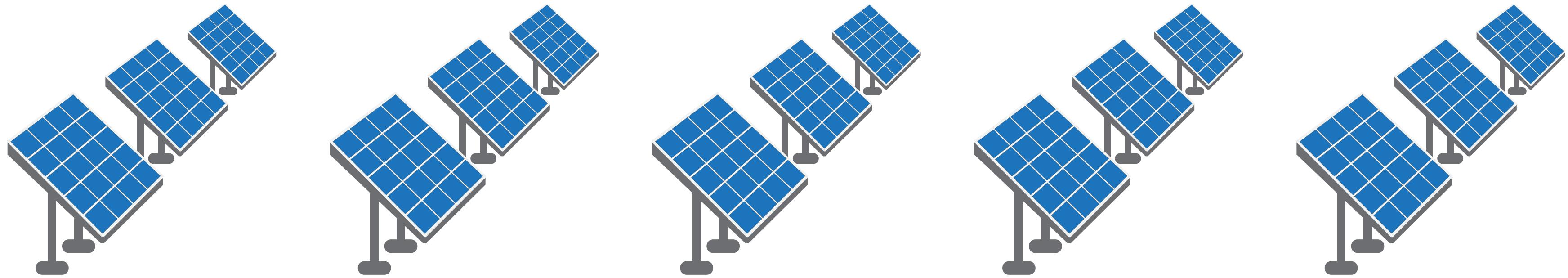
**10-20 years**



*Total power needed*

***1,000,000 watts***

**1 MW = 1739 PANELS**



# **7.5CR TAKES TO GENERATE 1 MW PLANT**



**1739 PANELS = 1,500,000kWH**  
per year

# ***ANNUAL INCOME***

**1,500,000 \* 6Rs per unit**

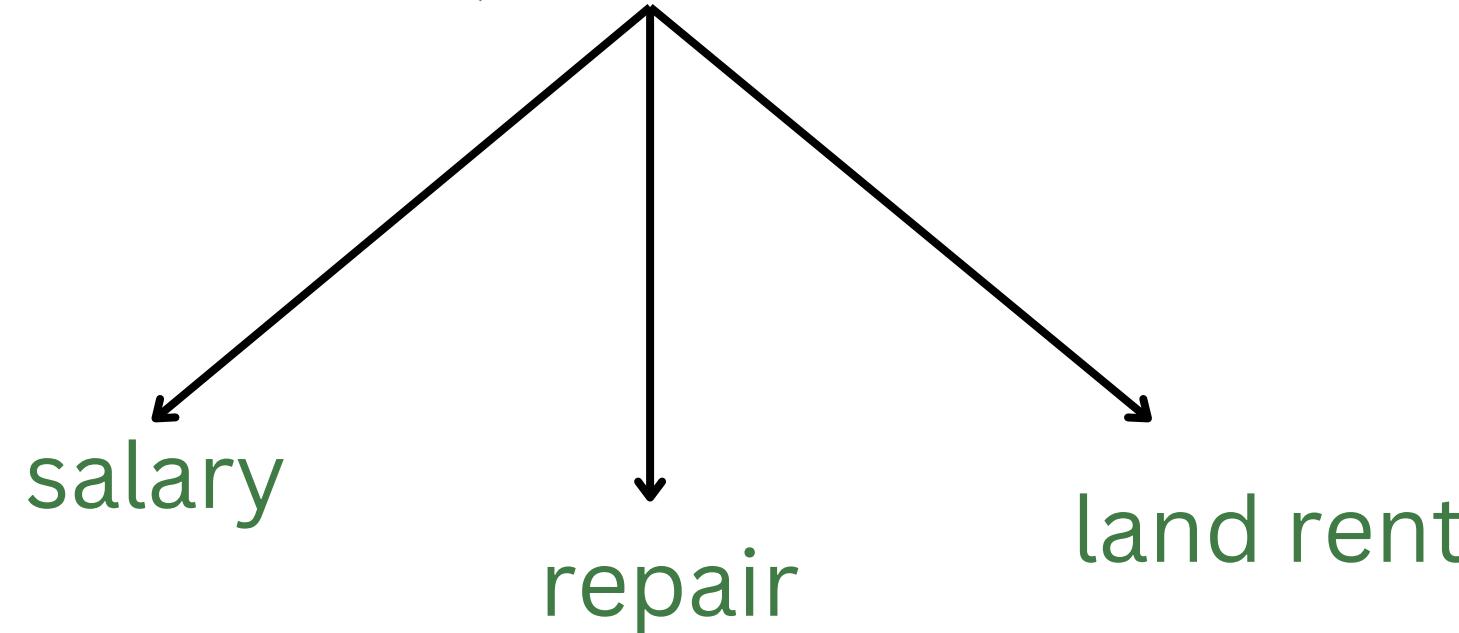
cheaper than NEA's in average

*90 Lakhs NPR*



# Annual Maintenance Cost

**1,300,000NPR**



**Net Profit = 90Lakhs - 13Lakhs**

**77Lakhs /-**

# THANK YOU

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