

Renewable Energy Resource

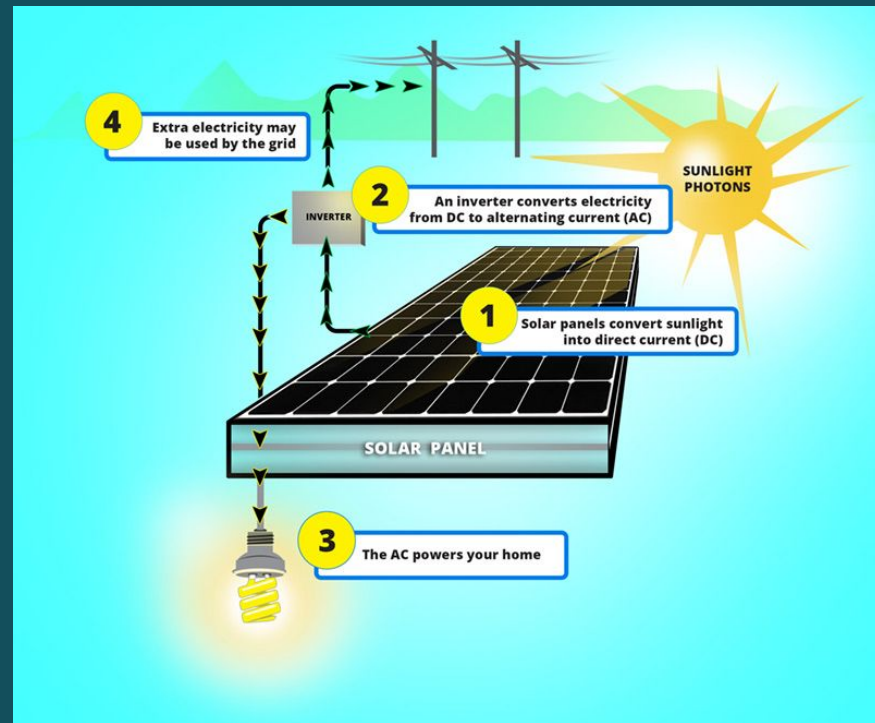
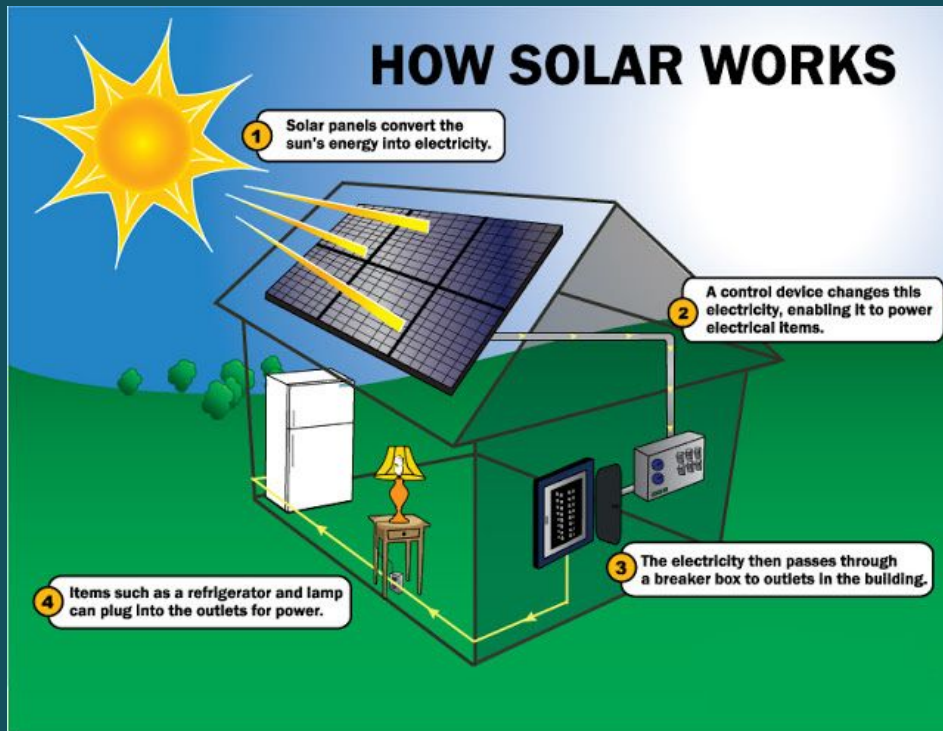
Solar Energy-Solar Panel



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INTRODUCTION

HOW SOLAR WORKS



PROBLEM STATEMENTS

HOW DOES SOLAR PANEL BENEFITS
PEOPLE AND ENVIRONMENT

WHAT ARE THE DISADVANTAGES IN
USING SOLAR PANEL

DOES SOLAR PANEL WORKS AT NIGHT

OBJECTIVES

TO BE MORE ENVIRONMENTAL
FRIENDLY

TO USE UNDERUTILISED LAND

TO CAUSE LESS ELECTRICITY
LOSS

DISCUSSION

SAFE AND ENVIRONMENTAL FRIENDLY

- SOLAR ENERGY REPRESENTS A GREEN SOURCE OF ENERGY
- IS A GREAT WAY TO REDUCE CARBON PRINT- DO NOT RELEASE GREENHOUSE GASES
- SELF-SUFFICIENT AND INSTALLING SOLAR PANELS ON ROOF IS A SAFE AND EASY PATH TO CONTRIBUTE TO A SUSTAINABLE FUTURE

UNDERUTILISED LAND

- THESE ARE VAST LAND THAT ARE FAR AWAY FROM BIG CITIES, AND ARE NOT USED
- WITH SOLAR POWER, WE CAN MAKE USE OF THE LAND TO GENERATE GREAT VALUE
- AN EXAMPLE IS SOLAR FARM - PANELS ARE USED TO HARVEST SOLAR ENERGY IN LARGE NUMBER



LESS ELECTRICITY LOSS

- ELECTRICITY NEEDS TO BE TRANSPORTED VIA EXTENSIVE NETWORKS FROM;

BIG POWER PLANT —→ END CONSUMERS

LONG DISTANCE TRANSMISSION = POWER LOSSES

- HOWEVER, SOLAR PANELS ONLY REQUIRE SHORT DISTANCE, INCREASING ELECTRICITY EFFICIENCY

ENERGY BECOMES DOMESTIC - OWN BILLS AND ENERGY USAGE BECOME IN CONTROL

DURABLE SOURCE - SERVICE INTERRUPTION IS REDUCED

DISADVANTAGES OF SOLAR PANEL

EXPENSIVE

SOLAR PANELS COST A DECENT
AMOUNT OF MONEY

INTERMITTENT

ACCESS TO SUNLIGHT IS LIMITED AT CERTAIN

REQUIRES SPACE

HIGH POWER DENSITY IS REQUIRED TO PROVIDE
POWER DEMAND

DO **SOLAR** PANELS WORK **AT NIGHT?**



CONCLUSION

SOLAR PANEL PROMOTES SOCIETY TO USE MORE ENVIRONMENTAL FRIENDLY DEVICES IN PRODUCING ELECTRICITY

UNDERUTILISED LAND CAN BE BENEFITTED FOR THE INSTALLATION OF SOLAR FARM THAT CAN PRODUCE HUGE AMOUNT OF ELECTRICITY

ELECTRICITY LOSS CAN BE REDUCED AS SOLAR PANEL ONLY REQUIRES SHORT DISTANCE TRANSMISSION

REFERENCES

- SOLAR ENERGY PROS AND
CONS--<http://energyinformative.org/solar-energy-pros-and-cons/>