Solar link Micro grid

In the energy production there are two type :

1.reneweble

2. non-renewable

As we know non- renewable resource are harmful for environment

The main types of non-renewable resources used forelctricity production fuels cannot be naturally replaced within ahuman life time and will eventually run out

They are also called fossil fuels and nuclear fuels

1. Coal: Solid fuels formed from ancient plant matter under haet and pressure over millions of years
2. Natural gas :gas mixture formed from decayed plant and animal under pressure under ground
3. Oil: liquid fossil fuel from crude oil refining
4. Nuclear fuel :radioactive elements that release it when atoms are split

3.Light hating sensors :

1.Light dependent resistors in a dark activated circuit

*paired with electronic to turn things on when light is low

2. phot diode in reverse biased in darkness detection

3. Photo transistors: infra-red beam breaks detectors security system

4. pir sensors :relation to light hating usually coupled with a light sensors so it only works dark

5. Digital ambient light sensors: can be programed trigger an action when light drops below asset lux value **Tilting sensors**

Can be combined with vibration or motion sensors for better direction

1. Accelerometer: often paired with gyroscopes

For orientation tracking

2. Flex sensors: often combined with accelerometer for wearable motion direction

Useful applications for customers

1. **Useful for protecting environment**
2. **Conserves natural resource**
3. **Supports healthy eco system**
4. **Encourages green technology**

Main Aim of this Project

1. Reducing the using of non renewable resource
2. Reducing the pollutions over environment
3. it will help to control the damage of solar pannel during heavy rainfall
4. it will increase the customers to buying solar pannels
5. it will help to AI growth in the nation
6. Easy access on over finger tips
7. More electricity generation