**SDG 7 – Affordable and Clean Energy**

**Aims to solve the global energy crisis by ensuring access to affordable, reliable, sustainable, and modern energy for all**.

*Problems*

** ***Lack of access to electricity:*** *Billions of people, primarily in developing countries, still lack access to electricity, hindering economic growth, education, and healthcare.*

** ***Dependence on fossil fuels:*** *The world's reliance on fossil fuels contributes significantly to climate change, air pollution, and other environmental issues.*

** ***Inefficient energy use:*** *Many countries and industries waste energy, leading to higher costs and increased environmental impact*

**Importance of addressing energy access in rural areas**.

* **Value addition:** Energy can be used to process agricultural products, increasing their value and market potential.
* **Improved living standards:** Access to electricity can lead to better lighting, cooking, and communication, improving overall quality of life.
* **Improved air quality:** Burning traditional fuels indoors leads to respiratory problems, especially among women and children. Clean energy sources improve indoor air quality.

Objectives

* **Stimulate rural economies:** By providing energy for agriculture, small businesses, and value-added activities.
* **Improve healthcare:** By powering medical equipment and facilities
* **Empower women and girls:** By reducing the time spent on collecting firewood and performing household chores.
* **Promote renewable energy:** By investing in clean and sustainable energy sources.

[**Energy Dashboard**](https://docs.google.com/spreadsheets/d/1nReNag9CGOBmArsZWeMNlBU9JzOyZELcWJMIhzAxzrA/edit?usp=sharing)