



RENEWABLE AND NON-RENEWABLE ENERGY RESOURCES AND THEIR USE

By

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A) DIRECT ENERGY SOURCES

- Human Labour
- Animal Power
- Electric motors
- I.C. engine
- Wind Mill
- Solar energy
- Liquid Fuels
- Solids fuels
- Water & steam turbines

B) INDIRECT ENERGY SOURCES

- Chemical & Fertilizer
- Pesticides
- Animal feeds
- Machinery
- Organic manures
- Fuel cells
- Nuclear energy
- Wind energy
- steam

C) ACTIVITY NEEDING DIRECT ENERGY

- Production of Agriculture
- Post harvest system
- Household application
- Transport
- Packaging
- Comfort cooling and heating
- Power generation



CLASSIFICATION OF ENERGIES

1. RENEWABLESOURCES

- Wind
- Hydro
- Solar
- Biomass
- Biogas
- Producer's Gas
- Photovoltaic
- Tidal-wave
- hydro

2. Non –RENEWABLE SOURCES

- ❑ Coal
- ❑ Liquid fuels (petroleum)
- ❑ Natural Gas
- ❑ Nuclear
- ❑ Fuel cells
- ❑ Chemical products

