



Energy

❖ Reality

- ❖ Energy availability is one of the key pillars of modern day Industry and Household Standards
- ❖ Present status :
 1. Demand = 31,000 MW
 2. Generation = 43,775 MW
 3. Transmission : 22,000 MW
- ❖ Energy production is divided into 2
 - a) Renewable. Preference will be given to this field in comparison to Non-Renewable
 - i. Solar : 530 MW
 - ii. Wind : 270 MW
 - iii. Hydel : 1838 MW
 - iv. Baggasse : 369 MW
 - b) Non-Renewable
 - i. Thermal : 26,683 MW
 - ii. Oil & Gas :
 - iii. Nuclear : 3620 MW
 - Traditional
 - Fast-Breeder

❖ Future

- ❖ Great emphasis will be laid into having Solar farms in Barren lands (Sindh). Research into Photo-voltaic technology and Battery technology will be boosted to continuously increase efficiency
- ❖ Dams will be built not only to produce electricity but also to tend the needs of drinking water and agricultural needs
- ❖ Baggasse /Bio Gas plants in rural will take care of rural needs, excess can be fed into feeder grid
- ❖ Industries and Households will be incentivised to have Solar and Wind & Wind Generators
- ❖ Investment needed to greatly improve the infrastructure for Transmission & Distribution
- ❖ Nuclear energy will be only harnessed only to the extent of sustainability of deterrent, as disposal methods are not certain yet and prohibitively exorbitant.

P.S : These have not been written by Subject Matter Experts. Any error noticed, kindly inform and correct it. Ummah has lots of Khair and we would greatly appreciate the correction and help. All of these will be implemented by technocrats and bureaucrats, only difference will be the new perspective.