





Ocean Energy:

 Mechanical energy derived from tidal movement, wave motion or ocean current and exploited for electricity generation. developments in wave energy due to the increased focus on climate change include, technological developments in Scotland, Australia, Denmark and the USA, and a high potential for energy supply - wave energy



Geothermal Energy:

Available as heat emitted from within the earth's crust, usually in the form of hot water or steam. It is exploited at suitable sites for electricity generation after transformation or directly as heat for district heating, agriculture, etc



Hydropower:

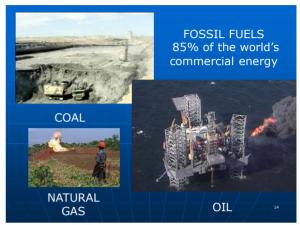
Potential and kinetic energy of water converted into electricity in hydroelectric plants. It includes large as well as small hydro, regardless of the size of the plants.

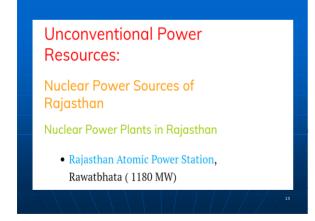


Solar Energy:

radiation exploited for hot water production and electricity generation. Does not account for passive solar energy for the direct heating, cooling and lighting of dwellings or other . Raising the contribution of solar and other renewable resources to 50% of total primary energy supply by 2050

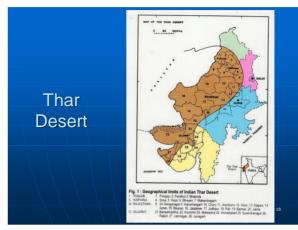




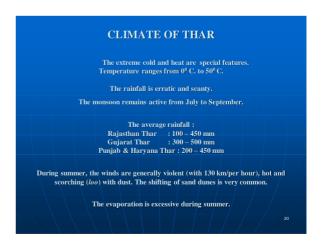




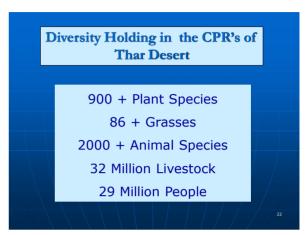




State	Area in sq km	Concerned districts
GUJARAT	62,180	Entire : Kutch Part ; Banaskantha, Mahesana, Ahmadabad, Surendranagar, Rajkot, Jamnagar & Junagarh
RAJASTHAN	196150	Entire : Ganganagar, Bikaner, Jaisalmer, Barmer, Jodhpur & Churu Part : Nagaur, Ajmer, pali, Jalore, Jhunjhunu & Sikar
HARYANA	11,000	Part : Hissar and Mohindegarh
PUNJAB	9, 000	Entire : Bhatinda and Ferozpur Part : Sangrur
TOTAL	278,330	















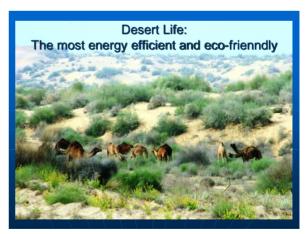




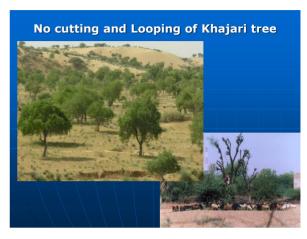


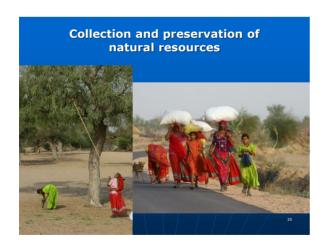


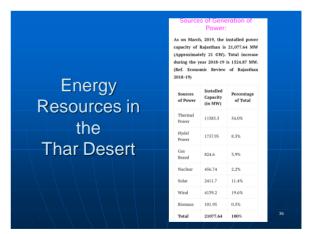


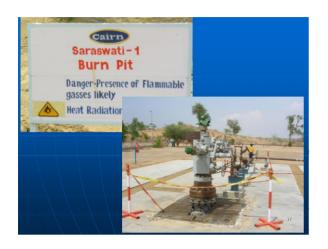








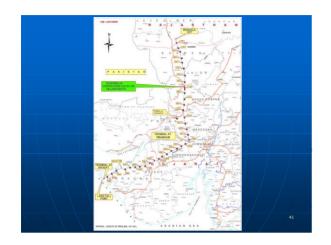




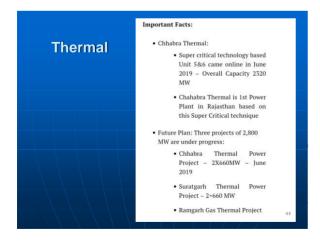




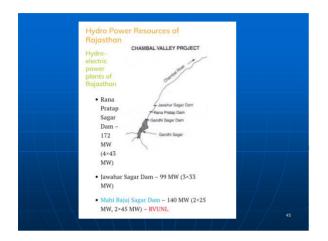








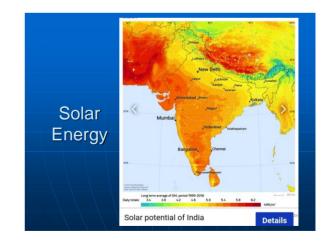




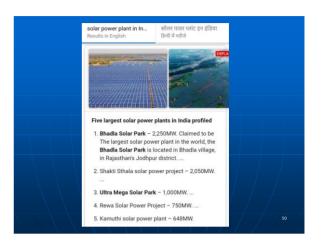


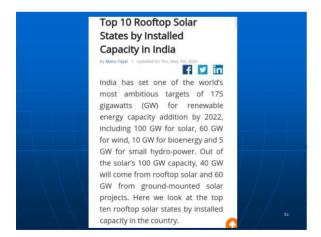
Biomass Energy

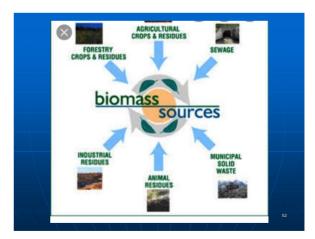
The main source for biomass energy in the State of Rajasthan is Mustard Husk and Julie Flora. State Government has even issued 'Policy for Promoting Generation of Electricity from Biomass 2010' for encouraging investments in the sector. Total 13 Biomass Power Generation Plants of 120.45 MW capacity have been established till March, 2019 in the State.





















Globally, Suzlon has installed over 17000 MW of wind power capacity in 18 countries.^[30]

India

Suzlon crossed 11,000 megawatts of cumulative installations in India.^[31] Suzlon has cumulatively added over 11000 megawatts of wind power capacity for over 1,700 customers in India across 40 sites in eight States. Suzlon accounts for nearly one-third of the country's total wind installations.^[32]

Wind Energy Resources of Rojosthon

Rajasthan is one of India's leading state in tapping wind energy for power generation.

The wind energy potential in the State is estimated to be about 18,770 MW at 100 M hub height as per assessment of National Institute of Wind Energy (NIWB) and NNRE,

Gol. A total of 4,310.50 MW wind power capacity has been established upto March,
2019 in the State. Economic Review 2018199, Rajasthan ranks 5th in the Country in terms of installed generation Capacity.

The government has issued POLICY FOR PROMOTING GENERATION OF ELECTRICITY FROM WIND, 2012

Blomoss Energy

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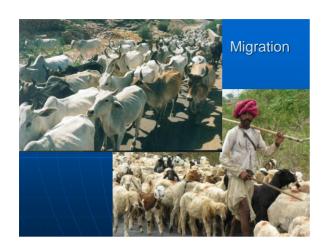






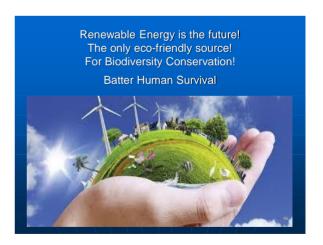








Urgent needs! Conservation of energy Management if energy Value of energy resources Value of Traditional Practices Education and awareness Policy review



Thar Ethos Teaches Sharing of Resource For Survival! Acknowledgement:

Organizers FDP program

Engineering College Bikaner
Vice Chancellor MGS University, Bikaner

&

All the Participants