What is this? Question? Notes? General write up?

Energy sector of Pakistan.

Attempt proper grestions for argory of energy the energy sector or industry includes companies involved in the enployation and development of oil or gas reserves, o il and gas dulling and nifining the energy industry also includes integrated on en utility companies such as renewable energy and coal he energy sector is large and all encompassing term that describes a complexe and interrelated network of companies, directly and indirectly, involved in the production and distribution of energy needed to poor the economy and facilitate the mean of production and transportation energy companies are based on how the way that they produce is sourced and will typically fall into one of two categories Renewable energy companies and norremenable energy companier. Renewable energy compania focus on producing energy from sources that are naturally replenished and sustainable over long term i-c star, wind, hydra, gootherms. Biomanenergy whereas non-renewable energy companies produce energy from sources that I are finite and will eventually deplete. These

sources include fortile fulls. Nuclear energy. Renewable energy sources generally have a lower environmental impact are sustainable and are mostly more reliable where as non renewable sources come significant pollution, non sustainable and can be dependent on environmental conditions. The power sector of Pakistan can be divided into 3 sectors i-e meration Transmission and Distribution. The total installed generation capacity of Pakistan is 38,319 w which comprises both renewable and non-renewable energy resources. Renewable sources include Hydro wind, solar, and bagasse. As of 2020 24817 MW is thermal, 9861 MW Lydro electric, 1,248 MW wind and 427 MW SPPS. Total installed capacity for cPPA-G system is 35,735 M and for K & is 2984 MW, when as peak hour demand for MIOC and KE is 26,252 MW and 3804 MW ces and transmusion this system is divided into 2 entities, KE to Karachi and some other sunounding regions whereas rest

Distablishion companies.

National Transmission and Despatch company (NIDC) manages the national guid transmithing electricity from power plants to distribution ampanies across most of the companies. wuntry ach DESCO is responsible for delivering electricity to end consumers in a specific region. They receive power from the national god or ke and distribute it through a network of substrations and power lines into home business and industries pakistun uses a variety of nesources to generate electricity including for sit fuel, hydropower, nuclear power and renew able sources. Natural gas is the most use source for everyy production in pakistan about 35.3%., hydropower 24%, Muchan 14.28 1. almost 588,000 barnel vil per day consumed in power production, 83000 is produced to cally where as 500,000 barrels emported. spillion while feet per day gas is used, 36% produced locally. 7.53 tonn wal a produced in dec 2011 from which 6500 Mega watt is produced per day, 2500 MW generated by local coal while other imported wat. all the importer and weat producers hundover oil to PSO, upred or chide then it gives to other companies. Sindh and Bulochistanis gus is supplied by sui wuthern and sui Northern supply you to lepk and Pungab.

to the energy sector of pakistan.

nuch as to adshadding and expensive electricity. In summer 2022, short fall was more than 10,000 MW that is why there was load shadding fou 8 hours a day in urban areas and 16-18 hours a day in rural near. Pakistan generate the most expensive energy in asia and third most expensive energy in this world. The domestic unit vary from 24 to 64 Pks which vary buy how much unit people use.

there are many reasons of expensive expensive electricity such as expensive hydrocarbons, empersive agreements with EPPs. The conditions of CMF, transmission loss and manymore. The most expensive energy rousee is Diesel and Loudhw electricity units are installed capacity of diesel is in Pakistan, more than

AUDOMWOFLNG and 6500 MW of coal and all these hydrocarbons are very expensive which pakistan import in dollars another reason is expensive [PP (independent power producers). 42000 MW is installed capacity of Pakistan and Lanimum demand is 280 man in summer in palaitan and least is 14000 Mw is winter as the wentry is paying capacity payment in dollars and Third reason is when EMF gives load. Et put wordition that paice per unit should be increased and there is also 17%. Line WH in rukis tan dellarse our roughty lines are enpired is 20 10. The enperiore electricity and energy orises here so many implications such as industries in worst wondition in Pukistan and there is no improvement in agriculture or 30%. Of agriculture depender on subswell which run on electricity and the to expensive electricity we product of pakestan is expensive in international market and is least brught.