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Expensive agreements with IPPs, Overwhelming dependency on hydro Carbons, Line and Other losses in the transmission and distribution sector have Caused massive like in electricity Prices having for reaching implications on industry, Domestic and Other Crucial Sectors. Analyte the Statement and give Possible recommendation. 4 naysis of IPPs Start with the summary of the IPPS, Independent Power as introduction Company in pakistan, toto that Produced or generate Cleatify and sel it to government and other Customers Plansumer. These companies generated Clectricity Since 1994 in Palastan. They Utilize a variety of energy Sources, including thermal (natural gas, oil, load). hydroelectric, and renewable Sources I wind, solar) etc. Recently, Some Costs " Moran happened between 1PPs and governments regarding electricity, Circular debt, capacity Raymon, Transmission and distribution lesses, fuel Supply Problem etc. Hence, some analysis which we well discuss regarding IPPs. 1) Expensive agreement with IPPs :-Agreement with TPPs include Capacity totaling Payments regendles of Utilization of deducity which is burdening

the Government and Consumers. From this agreement Pour people were affected, due to been Price of electricity. However, In 1994 and 2002 Radistan's 1994 and Power policies locked the government into fixed Capacity Payment.

For Example 3- The Hub Power Company (HUBCD) and other IPPs receive Payments even when Plants are idle,

Increasing electricity lostsa) Dependency on Hydro Carbons. Air energy is mainly based on hydro carbons. The biggest importers of Hydrocarbon in Pakistan are -Pakistan state Oil (PSO) - Attock Shell. Apart from these three major inepater of hydrocarbons there are others minor in porta's of hyperocarbons as well - Atlas Autos (PVT) limited, - Citropak limited etc. There are two types of Hyperocorrbon 1st is and evel and escand is Refined oil which are imported by Pakiston Prime Prime oil which are imported by Pakistan. Pakistan Uncetley imports oil from VAL, Abu Dhabi and Savali Alabig Cither in the form of Crude of defined form of oil. Pakiston State oil (PSO) also imports gas inthe form of LNG. Around 60% of Pakistan's energy mix depends on imported LNG, oil, and total Coal. However, dependency on Hydrocarbons refers to a heavy reliance on I fossil forels such as oil, natural gas, and load for energy Production. This dependency has Several Impl?cetions-1) Price volatility: Imported fuel files are Subject to fluctuation in the global maket - For Example: In 2022, Prices Arwere fluctuated due to geopolitical tension like Russia - Ukrain word' OPEC decisions Can Cause Sudden Spikes and gas Prices, directly in theit directly increasing dechicity Production (037. 2) Foreign Exchange Constraints:-By Importing hydrocarbons Places a Significant borden on a Country's foreign reserves - Patristan Spends billion annually on fuel imports, straining its foreign exchange reserves and increasing the trade depicit. 3) Environmental challenges: The busining of Carton hydrocarbons emits greenhouse gase like (Og that Contributing to the Climate Change, air Pollution, one hearth problems. Dependency on hydrocarbon requires reducing diversitysin the energy mix with renewable Sources like solar,

wine and hydro power -3) Transmission and Distribution Losses:-The Country's going great ingrastructure leads to substantial Another major problem is electricity Rower theft. In Pakistan, thest or Konola System lite Practices Ollurs. Also, Pakidan face approximately 17% Transmission and Distribution losses annuary-For Example: In Sea3 the K-Electric network reported Cytandahilai Karachi's Power Supply Stability and cyfordability . -9) Industrice and Domestic Impact 3 Migh electricity costs make production more expensive that Competitiveness of Industries in global market realing the also Ithey discoveringing foreign and love investment and leaving household with les money to Spend on other never-For Example: High Energy Costs make Pakistan's textile Caparts less Compensed Compared to regional Players like Bangladesh and Itelia. For Domestic Users, frequent tariff hikes push many households into Energy Poverty-Add more Ke common Dationse arguments in this To address the issues with IPP agreements and antprove Paleistan's prover sector, Several Steps Can be taken: 1) Renegotiate with IPPs: Renegotiate existing agreements to lower high-Capacity Rayments and adjust the return on Duity to reflect UCircular debt. 2) Introduce Competitive bioldig:-Introduce Competitive biologing for new Projects to Seeire better terms, lower lost, and increase efficiency, while ensuring transparency to build Confidence. Minimum

description under a heading should be 5 lines

3) Diversification of Energy Sasses. Newsify energy Sources by invating in renewable projects like wind, Satan and hydropower, and Support the Use of indigenous resources to rective returne on imported fuels. 4) Improvement of Contractives Flexibility:-Improve Contractived Hexibility by methoding mechanisms for adjusting tailffs based on free Changes and Setting clear Performance and manual Standard. 5) Address Environmental Concerns:-Address environmental Concerns by enforcing Shick environmental regulations and promoting cleaner technologics-Add and 6) Enhance the regulatory framework: Enhance the regulatory framework by Stangthening oversightight elispute resolution mechanism references/ex 4) Improve Financial Monagement:-Juprove financial Mangement by tackling Circular out against these and developing balanced financial models-8) Foster IPPS :arguments tasty IPS to leverage resources and share visite and rewards. 9) Investment in Infrastiveture:-Invest in infrustructure to upproor transmission and olistribution networks and enhance grid management. 10) Engage in long tarm planning Englage in Long-term Planning by cleating a Comprehensive energy Strategy and Continuously monitoring and cialuating the Sector's J Performance "Reduction in System losses and wide Spieced theft nvestment in transmission wetwork. wift towards cheaper renewable energy 14) Government Should Privatize the distribution Companies. use measures Can help Pakistan enhance the efficiency and sustainability of its paver soor while balancing the interests of iPPs the government Incomplete answer