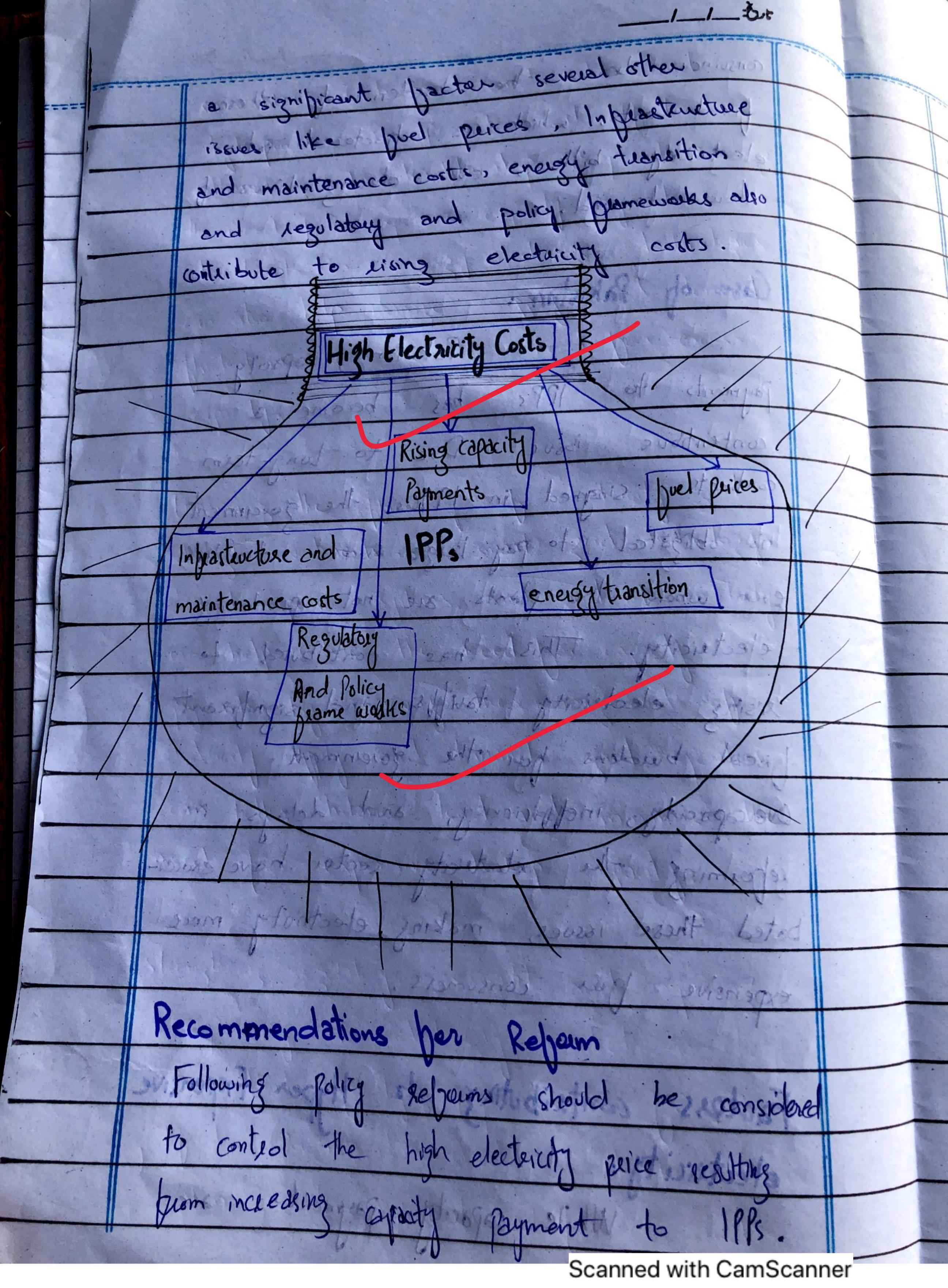
Q1.	Increasing capacity payment to 1996
	has made electricity hyper expensive
	Critically evaluate the statement and give
	Accommendations. Start with the summary of the answer as introduction
Ans:-	of the solye sent plantage 19/60/14/68 lett.
	APPs Depinition in the state of state of the
	An independent power producer (IPP) arriver.
	non-utility generator (NUG) is an entity that
	is not public utility but owner pacilities to generate
	electric power per sale to utilities and endusers.
	NUGs may be pervotely held pacilities,
	corporations, cooperatives such as luber solar
	as wind energy producers, and non-energy
	industrial concerns capable of freeding excess
	energy into bothe system! I solo state and
	Bivate Companies that generate
	Lange to power before selling its topo und
	the national ecompanines transfer of
	phietrism to 1 2981 of themper, estudies insthe
	Capacity payment concept:
	though est how sidelia Capacity payments toll
	are made to power generators to ensure
	that they have necessary infrastructure in
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place to supply electricity when needed. Capacity payments are made to generators regardlesse of wether they produce power or not. The rationale behind this system is to provide incentives por generators to maintain reserve capacity, which can be called upon during periods of high demander gold instability. statement Role of capacity payment in power markets of: 16/6/ 1/6/60134 ad Capacity payments are particularly relevant or in markets that rely on 1PPs. where power generation is often decoupled from state control. 1993 are pard not only but the energy they produce but also por them capacities, based on contracts singled with governments as regulators. These contracts after guerantee payment to IPPs for maintaing a certain level of generation capacity, ensuring power is available even if the plant is not peoducing at pull output.

Incrasing capacity payments to IPPs has made electricity hyperexpensive: Nodoubt Incecasing payments to 1996 has conteibuted to making electricity very to expensive in many counteries around the globe. The capacity payment system designed to ensure that enough electricity is available to meet the demand during peak hours, has been a significant pacter in high electricity percing However the capacity in system has been certicized per increasing electricity rates without a perportional increase in supply ephiciency of references/examples against these arguments reliability. The rise & of capacity & payment bando their al impacts in my electricity. Pricing Rise of capacity payments have badly effected the electricity pricing, and there are several factors responsible por this: Overcapacity Sometimes capacity payments can lead dectricity, as Jenousteus to an oversupply de incentivized to maintain more capacity necessary to

	demand. This overcapacity buther increases
	the costs as payments are made to
	markain infrastructure and reserves that
	are not abusin needed in extreme cases,
	capacity payments came result in a supplies
	of power generations capacity that is used
	undentilized, making the moverall is systemical
	inefficient and more expensive.
	Long _ teem > Contracts /sol tronglings
	long-teem contracts that
	result in prices and terms you several years,
	make it difficult to adapt to changing
1	market conditions, such as decreasing
	demand peu electricity. As a result,
	consumers may be paying more for electricity
	than they would in a more plexible
	market structure well be mising phinish self
	Fixed Costs : Maldridt and aldianagens and settles
	The pixed costs made line and
	long term contracts that gurantees pixed
	payment to IPPz per maintaing electricity
	generation capacity are typically independent of
	actual energy produced. Its a result
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		-41
	consumer bear the buden of these	
	fixed costs, which are bactered into	
	electricity bills, even observes times of	-
	allow all demand propositions protological states	
	distribution that electricity electricity is set institution	1
	Case of Pakistan:	
	In Pakistan, capacity	
	payments to 1PPs has become a	
	contentione issue Due to long-term	
	contracts singned in 1990s, the government	
	is obligated to pay large sums to 1885,	
	even when the plants are not peoducing	
	electricity. Thus has contributed to	
	rising electricity tariffs and significant	
	pscal burdens par the government.	
	Overcapacity, inelliciency and delays in	
	repairing the electricity cecter have exacci-	
	expensive Dar consumers.	
	Recampned attack for Relief	
	Factors contaibuting to Hyper Expensive	
	electercity:	
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. Contract Renegotiation soldiers	
Government should consider renegotiating	
long-term contracts with 1PPs to ensure	
that they replect convert market conditions.	
This may involve reducing quaranteed	
payments, adjusting poicing mechanisms, or	
incorporating performance based incortives to	
ensure that IPPs are compensated for	
actual production rather than just capacity.	
2. Market-based reporms 1/2 Appront	
Introducing more competitive market-based and	
systems for procuring electricity capacity ca	4
help reduce costs. Auctions of a competitive	
bidding processes for capacity contracts ca	
encourage ephiciency and dive down prices:	
Governments should consider monny away p	
fixed-capacity payments in Javos of made	et-
driven solutions that better replect supply a	nd
demand dynamics. Interes potet en motter	and a second
9 18. Diversification of Freizy	
and the same of th	
tomic wind our Sourcespage 1 to 25900 touth	
Government should pocus on diversifying of	heile
energy mix, including greater reliance. Scanned with CamSca	

genewables such as wind, solar and hydropower can provide cost-effective altanatives to traditional power plants, reducing the need you expensive capacity payments. Investments in energy storage technologies can also help murage supply and demand fluctuations, reducing the need par excess capacity/ son agrices 216 .278/ todl sucres 4. Improved quid efficiency Enhancing the efficiency of electricity guid through investments in its emait guid technology, demand response systems, and zeid interconnectivity can help reduce the need for capacity of Payments. By improving the management offer electricity copply and demand, quid operatous can better balance load and minimize the néed par expensive backup aapacity? line 1/995. Regulatory alkansparency and los obviets Strengtheing regulatory oversight and improving transparency in electricity markets can help ensure that capacity payments are par and justified. Governments should work to eliminate comption, reduce political interperence, and

ensure that contracts are awarded based
on merit rather than Davocition
6. Publice Peivate partnerships
Government should explace public pervate
paetherships that allow to be idshared risk
and investment in energy in practice. PPR
can help distribute the pinancial burden
of capacity payments more equilably and
encousage greater private sector paticipation
in energy markets.
Improve the references and the paper presentation part
Conclusion:
The increasing capacity payments
to IPPs have indentably contributed to
to the evacues While
making electricity more expensive. While
capacity payments are intended to ensure
a reliable power supply, they can lead to
inelipiciencies and higher costs if not
peoperly managed. To mitigate these
issues, governments most adopt more
Hexible, market - based approaches to copacity
proculement, invest in renewable energy and
the southfree
geid efficiency, and ensure man regularity

planeworks are transparent and particular By implementing these reporms, counteres can reduce the primancial builder of caracity apprents of so continues and create more sustainables cost a espective electricity systems the potuse. I trainted to estadiation glad ab polosed lessaspiralisate tio 696) etmoont 6 9 Dirry encourage otorios rotoses 10tos) mathete · maisulano 2/10/11/169 1/196963 3 18136919ml Jos Full ations placements of some sold of side Line expensive expensive. Expensive. MUNIO of bothonstal sie standage phiogo 0/ 100/ 1000 100/ 9/68/1/10 Scanned with CamScanner