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Merits: > Such plants are neat and clian. To bust, highlytuliable, cheapest in operation and mainenance and got longer life.

- ⇒ Such blants do not need any fuel
- => (an runup and synchronized in few minutes
- ⇒ Have no standby Josses.

Demerits: - > 1+ needs long area.

- > Very high construction cost
- >. Resérvoir of such a blant submerges huge areas, uprouts large population and creates
- = Social and other problems.
- > Long dry season may effect the power supply.

	Elector	ial I year BEE	SUNIL KUMAR SINCH	
Comparision between Thermal, Hydro or Neuclear Power Plant-				
	Basis of	Them them	ned, Hydro or Neucl	lear Hower Plant
	Comparision	Thermal Power Plant	Hydro Power Plant	Neuclean Power Plant
THE RESERVE OF THE PERSON NAMED IN	Location	of water and wal	where large reservoirs canbe Obtained by dam Construction	where there is enough supply of wetter, but must not be too for away from populated
	Space suguire-	Heids sufficient space for all	Heeds very large	Needs the least space,
		edubuini-		corporated.
		are lower than those of hydro and heuclear	of dam construction	se Highest due to Complex neuclear reactors.
	Running Cost	tugher than hydro	Practically NIL; no fuel needed	second lowest
	Efficiency	appron 25% efficient	aphaox 85% efficien	Appron 55% efficient
	Maintenance Cost	Hign, Skilled Staff required	Attorney Lowest	Highest, Highly skilled and specialized staff required.
	fimit of Source of power		Has undependable water source due to whether variations	Has sufficient feel

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Cost of ful	maximum, due to constant demand of coal & transportation	Practically NILL.	Minimum due to Small quantities of fuel required
Clean emission	Has highest bollwing emission	Practically no emissions.	Has cleaner emissions compared to steam power stations but produces nuclear waste which is currently unsalved problem.
Starting time	Longest Sterrting	Shortest Starting	Long starting time
Transmission and distribute Cost	Low, Plant is close	Highest, Plant es furthert from load center	tuigh. Plant is far from load center.