

COMPARISON BEWEN VARIOUS POWER PLANTS

S.N.	<u>ITEM</u>	<u>THERMAL POWER PLANT</u>	<u>NUCLEAR POWER PLANT</u>	<u>HYDRO POWER PLANT</u>
1	<u>INITIAL COST</u>	LOWER THAN NUCLEAR AND HYDRO	HIGHEST	VERY HIGH
2	<u>RUNNING COST</u>	HIGHER THAN NUCLEAR AND HYDRO	LESS RUNNING COST	PRACTICALLY NILL
3	<u>STARTING</u>	REQUIRED A LOT OF TIME	STARTED EASILY	CAN BE STARTED INSTANTLY
4	<u>CLEANLINESS</u>	LEAST CLEAN	LESS CLEANER THAN HYDRO	MOST CLEAN
5	<u>SPACE REQUIRED</u>	NEED SUFFICIENT SPACE	MINIMUM SPACE	VERY LARGE AREA
6	<u>MAINTINENECE COST</u>	HIGH & SKILLED OPERATING STAFF	HIGHEST & HIGHELY SKILLED STAFF	QUITE LOW
7	<u>OVERALL EFFICIENCY</u>	25% TO 30% APPROX	55% APPROX	MOST EFFICIENT 85% APPROX
8	<u>STANDBY LOSSES</u>	MAXIMUM	LESS	<u>MINIMUM</u>

<https://www.youtube.com/watch?v=PS2MU8l2fB8&t=14s>

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