

**COMPARATIVE PICTURES OF POWER DEVELOPMENT  
IN INDIA & PEOPLE'S REPUBLIC OF CHINA**

CHINA					INDIA			
Particulars	1980	1990	2000	2003	1980-81	1990-91	2000-01	2002-03
<b>INSTALLED CAPACITY (MW)</b>								
Thermal	45550	101840	237540	289771	17563	45768	73613	78391
Hydro	20320	36050	79350	94896	11791	18753	25153	26767
Nuclear	-	-	2100	6186	860	1565	2860	2720
Others	-	-	330	557				
<b>Total</b>	<b>65870</b>	<b>137890</b>	<b>319320</b>	<b>391410</b>	<b>30214</b>	<b>66086</b>	<b>101626</b>	<b>107878</b>
<b>PERCENTAGE SHARE OF EACH TYPE OF INSTALLED CAPACITY</b>								
Thermal	69	74	74	74	58	69	72	72
Hydro	31	26	25	24	39	28	25	25
Nuclear	-	-	1	2	3	3	3	3

CHINA					INDIA			
Particulars	1980	1990	2000	2003	1980-81	1990-91	2000-01	2002-03
<b>GENERATION (TWH)</b>								
Thermal	243	495	1108	1579	61	186	410	449
Hydro	58	126	243	282	47	72	74	64
Nuclear	-	-	17	44	3	6	17	19
<b>Total</b>	<b>301</b>	<b>621</b>	<b>1368</b>	<b>1905</b>	<b>111</b>	<b>264</b>	<b>501</b>	<b>532</b>
<b>PERCENTAGE SHARE OF EACH TYPE OF GENERATION</b>								
Thermal	81	80	81	83	55	71	82	84
Hydro	19	20	18	15	42	27	15	12
Nuclear	-	-	1	2	3	2	3	4

CHINA					INDIA				
Length of Transmission Lines-Km.					Length of Transmission Lines-Ckt Km.				
Particulars	1980	1990	2000	2003	Particulars	1980-81	1990-91	2000-01	2002-03
500 KV	-	7177	26837	44364	765 KV	-	-	-	285*
300 KV	866	4023	8669	10389	400 KV	2340	21634	38004	51785
220 KV	29154	73130	128114	152400	230/220 KV	31384	62345	94232	99779
Others at Or above 35 KV to <220 KV	245923	379347	562547	672326	Others at or above 33KV To <220 KV	250372	335179	426058	467141
<b>Total</b>	<b>275943</b>	<b>463677</b>	<b>726167</b>	<b>879479</b>	<b>Total</b>	<b>284096</b>	<b>419158</b>	<b>558294</b>	<b>618705</b>

#### COMPARISON OF KEY ENERGY STATISTICS (2001)

Particulars	CHINA	INDIA
Popular (Million)	1279	1032
Total Primary Energy Supply (TPES) Mtoe	1156	531
Electricity Consumption (Twh)	1397	421
TPES/Pop (toe/Capita)	0.90	0.51
Electricity consumption/capita (kwh/capita)	1093	408

Source : Council of Power Utilities (CPU), New Delhi, India