

SALIENT FEATURES OF NORTHERN REGION

S. No.	Parameters	2001-02	2000-01	Increase	% Increase
1	Effective capacity (on the last day of the year) (MW)	27901.67	27226.92	674.75	2.48
2	Average energy (MU/day net)				
2(a)	Demand met	383.57	364.45	19.12	5.25
2(b)	Requirement	405.57	391.89	13.68	3.49
2(c)	Shortage	22.00	27.44	-5.44	-19.82
2(d)	% shortage	5.42	7.00		
3	Peak MW				
3(a)	Demand met	21586	19860	1726	8.69
3(b)	Requirement	22589	21479	1110	5.17
3(c)	Shortage (non-coincidental)	1003	1619		
3(d)	%Shortage (non-coincidental)	4.44	7.54		
3(e)	Demand met at max. reqt. Hrs.	20182	19448		
3(f)	Shortage (coincidental)	2407	2031		
3(g)	%Shortage (coincidental)	10.66	8.99		
4	Frequency (Hz)				
4 (a)	Average	49.77	49.38		
4 (b)	% of time above 50.5 Hz	12.60	10.03		
4 (c)	% of time below 49.0 Hz	11.17	34.13		
4 (d)	% of time between 49.0 to 50.5 Hz	76.24	55.84		
4 (e)	% of time below 48.5 Hz	1.87	24.83		
5	Generation at the time of regional peak demand met				
5 (a)	Hydro (MW)	6053	5806	247	4.25
5 (b)	Thermal (MW) coal Fired	12052	11016	1036	9.40
5(c)	Thermal (MW) gas Fired	2238	1990	248	12.46

5(d)	Nuclear (MW)	1013	698	315	45.13
5(e)	Inter regional exchange (MW)	-230	-350	120	
5(f)	Total (MW)	21586	19860	1726	8.69
6	Gross generation (MU/day Average)				
6 (a)	Hydro	79.77	79.65	0.12	0.16
6 (b)	Thermal (coal fired)	263.29	250.87	12.42	4.95
6 (c)	Thermal (Gas fired)	48.26	46.20	2.06	4.45
6 (d)	Nuclear	21.92	18.27	3.65	19.96
6 (e)	Total	413.24	394.99	18.25	4.62
7	PLF (%)				
7 (a)	Thermal (coal fired)	71.57	69.98	1.59	
7 (b)	Thermal (Gas fired)	70.81	69.06	1.75	
7 (c)	Nuclear	77.39	72.80	4.59	
7 (d)	Total (coal+gas+nuclear)	71.82	70.00	1.82	
7 (e)	Central sector (Coal)	85.80	83.70	2.10	
7 (f)	Central sector (gas`)	79.55	77.16	2.39	
7 (g)	Central sector (Nuclear)	77.39	72.80	4.59	
7 (h)	Central sector (Total)	83.17	80.82	2.35	
7 (i)	State sector (gas fired)	29.49	31.60	-2.11	
7 (j)	State sector (coal fired)	62.18	59.70	2.48	
7 (k)	State sector (total)	60.44	59.10	1.34	
8	Water level on Last day of the year (In Mtrs.)				
8 (a)	Bhakra	458.86	457.54	1.32	
8 (b)	Pong	394.77	394.92	-0.15	
8 (c)	Rihand	259.48	262.34	-2.86	
8 (d)	R.P.S.	345.40	344.60	0.80	
8 (e)	G.S.	380.35	380.60	-0.25	