

7.1 PERFORMANCE OF GENERATING STATIONS IN THE NORTHERN REGION DURING 2000-2001

MONTH --> SL. NO.	Power Station	Effective Capacity MW	Apr 2000	May 2000	Jun 2000	Jul 2000	Aug 2000	Sep 2000	Oct 2000	Nov 2000	Dec 2000	Jan 2001	Feb 2001	Mar 2001	2000-2001	
			Gross MU	Gross MU	Gross MU	Gross MU	Gross MU	Gross MU	Gross MU	Gross MU	Gross MU	Gross MU	Gross MU	Gross MU	Gross MU	Ex bus MU
1	CENTRAL SECTOR															
A	NTPC															
(a)	Badarpur TPS	705.00	402.56	454.63	444.74	465.69	458.77	436.30	493.20	370.58	362.04	408.67	421.59	461.56	5180.33	4730.02
(b)	Singrauli STPS	2000.00	1296.49	1432.40	1339.42	1367.28	1340.92	1318.52	1341.00	1363.43	1450.50	1411.65	1332.36	1382.38	16376.35	15286.31
(c)	Rihand STPS	1000.00	675.95	668.71	628.12	660.77	435.69	391.61	705.82	684.54	723.07	726.23	648.51	756.34	7705.34	7121.40
(d)	Dadri NCTPS	840.00	460.82	606.98	580.71	607.02	563.41	455.01	621.80	596.04	624.83	617.86	565.06	585.86	6885.36	6403.86
(e)	Unchahar - I TPS	420.00	306.16	307.16	286.28	222.60	220.08	295.77	319.84	306.21	292.56	163.31	255.99	306.45	3282.41	2996.07
(f)	Unchahar - II TPS	420.00	13.41	93.10	143.95	146.93	94.63	146.59	152.87	180.52	283.20	277.60	246.75	312.63	2092.17	1911.85
(g)	Tanda TPS	440.00	41.39	55.53	61.15	64.02	80.52	126.63	134.08	116.60	150.06	93.79	114.77	148.14	1186.68	1042.04
(h)	Anta GPS	419.33	272.62	271.64	257.95	259.11	227.83	179.98	256.01	282.39	301.13	203.69	183.57	182.04	2877.94	2814.59
(i)	Auraiya GPS	663.36	296.70	415.76	369.58	440.01	420.91	440.84	436.47	343.52	347.08	355.95	413.16	401.21	4681.17	4605.38
(j)	Dadri GPS	829.78	412.29	372.85	382.94	423.61	510.25	528.60	518.02	545.03	391.85	452.96	513.97	594.59	5646.97	5509.34
(k)	Faridabad GPS	431.57	173.63	91.41	101.64	134.43	164.67	192.59	195.92	242.41	297.34	247.98	213.66	228.98	2284.66	2244.09
	Total NTPC	8169.04	4352.03	4770.16	4596.47	4791.45	4517.68	4512.43	5175.01	5031.24	5223.66	4959.69	4909.38	5360.17	58199.36	54664.95
B	NHPC															
(a)	Bairasiul	180.00	107.74	104.75	74.86	99.63	88.35	46.71	31.93	22.33	17.36	14.08	12.64	25.83	646.21	618.67
(b)	Salal	690.00	263.92	419.12	430.11	433.35	449.85	371.95	176.48	105.90	77.84	67.07	59.36	84.74	2939.68	2910.85
(c)	Tanakpur HPS	94.20	25.98	50.06	51.96	54.35	60.45	59.33	46.53	25.23	20.46	17.52	12.09	11.86	435.82	433.05
(d)	Chamera HPS	540.00	206.69	334.15	328.78	369.82	354.54	182.77	83.25	68.82	49.54	53.93	34.31	49.33	2115.93	2102.74
(e)	Uri HPS	480.00	284.12	263.85	191.27	178.77	278.84	147.04	101.61	59.35	68.15	57.54	48.51	101.39	1780.42	1761.34
	Total NHPC	1984.20	888.45	1171.93	1076.98	1135.92	1232.03	807.79	439.78	281.63	233.36	210.14	166.90	273.14	7918.05	7826.66
C	NPC															
(a)	RAPS -A	300.00	201.83	214.63	209.79	166.78	221.94	224.79	82.58	128.36	134.45	135.61	92.94	133.16	1946.86	1780.84
(b)	RAPS -B	440.00	30.37	74.90	100.21	104.98	136.17	135.00	161.78	73.46	223.20	145.42	204.66	288.16	1678.31	1545.61
(c)	NAPS	440.00	143.52	305.17	269.37	165.10	290.57	259.89	317.68	219.58	214.90	256.54	276.05	324.58	3042.95	2735.02
	Total NPC	1180.00	375.72	594.70	579.37	436.86	648.69	619.68	562.05	421.40	572.54	537.57	573.65	745.90	6668.12	6061.47
2	JOINTLY OWNED (BBMB)															
(a)	Bhakra Complex	1490.15	338.24	426.00	575.99	569.75	631.12	601.67	491.11	510.05	496.78	427.71	339.06	338.57	5746.06	5689.24
(b)	Dehar	990.00	241.44	440.22	457.55	457.99	466.07	391.61	222.33	139.10	98.21	86.92	69.91	90.90	3162.26	3039.88
(c)	Pong	372.00	95.91	140.76	151.14	182.10	227.62	215.44	124.89	122.64	91.98	49.12	52.20	62.08	1515.86	1450.47
	Total BBMB	2852.15	675.58	1006.98	1184.69	1209.85	1324.82	1208.72	838.32	771.79	686.96	563.76	461.18	491.54	10424.18	10179.59

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3	DVB															
(a)	Indra Prastha	247.50	61.81	100.00	78.26	79.44	70.93	66.33	66.96	76.61	68.85	75.96	54.76	64.81	864.70	760.94
(b)	Rajghat	149.00	67.96	78.53	69.57	82.83	76.94	42.54	71.03	62.13	78.04	53.42	47.78	60.27	791.05	704.03
(c)	Gas Turbines	282.00	57.16	89.40	76.99	85.10	78.71	95.10	101.83	103.92	106.27	121.68	107.88	114.72	1138.75	1104.59
	Total DVB	678.50	186.93	267.93	224.81	247.37	226.58	203.96	239.81	242.67	253.16	251.06	210.41	239.80	2794.50	2569.56
4	HARYANA															
(a)	WYC	48.00	22.08	26.56	27.27	26.75	25.17	23.87	23.81	16.72	14.75	13.28	10.24	10.94	241.45	239.03
(b)	Faridabad (New)	165.00	73.42	82.26	81.72	77.98	74.32	48.44	47.24	55.44	73.63	50.50	75.28	81.30	821.54	710.63
(c)	Panipat	860.00	169.95	94.27	164.89	217.71	241.48	292.26	290.20	225.14	291.72	299.60	136.87	301.98	2726.07	2398.94
(d)	Magnum Diesel (IPP)	25.20	9.72	7.97	4.86	7.38	10.59	10.85	10.43	9.70	12.20	12.81	11.61	9.25	117.37	116.20
	Total HARYANA (Hydro)	48.00	22.08	26.56	27.27	26.75	25.17	23.87	23.81	16.72	14.75	13.28	10.24	10.94	241.45	239.03
	Total HARYANA (thermal)	1050.20	253.09	184.50	251.47	303.07	326.39	351.56	347.88	290.28	377.55	362.91	223.76	392.53	3664.98	3225.77
	Total HARYANA	1098.20	275.17	211.06	278.74	329.82	351.57	375.42	371.69	307.00	392.30	376.19	234.00	403.47	3906.43	3464.80
5	HP															
(a)	Giri	60.00	8.56	8.63	22.41	37.73	40.21	28.80	15.18	10.79	9.02	8.84	6.54	6.80	203.51	202.69
(b)	Bassi	60.00	27.25	41.80	38.73	43.95	42.27	24.09	14.47	9.03	6.50	4.31	3.90	5.96	262.25	261.71
(c)	Binwa	6.00	4.01	3.46	3.66	4.55	4.62	3.36	1.94	1.21	0.94	0.81	0.70	0.99	30.24	30.11
(d)	Rongtong (+ Nogli + Micro+Thirot)	13.02	2.50	2.05	2.70	3.06	1.67	2.66	2.84	2.42	2.05	1.78	1.45	1.41	26.58	26.30
(e)	Andhra	16.95	5.36	1.64	0.36	2.46	5.06	9.24	4.93	2.84	2.04	1.53	1.07	1.39	37.92	37.67
(f)	Bhabha (H)	120.00	27.58	76.96	88.00	79.15	52.09	62.41	43.04	23.03	15.09	13.60	12.70	2.25	495.90	495.11
(g)	Baner (H)	12.00	2.88	5.02	5.14	5.85	5.67	3.58	1.97	1.21	0.95	0.77	0.65	0.98	34.68	34.60
(h)	Gaj (H)	10.50	6.62	6.10	5.65	6.55	7.89	6.10	2.74	1.47	1.02	0.83	0.66	0.91	46.53	46.42
(i)	Gumma	3.00	0.00	0.00	0.00	0.00	0.00	0.94	0.87	0.55	0.43	0.33	0.26	0.31	3.68	3.65
(j)	Gharvi	22.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.81	2.87	2.39	2.00	2.34	11.42	11.42
	Total HP	323.97	84.77	145.65	166.65	183.29	159.49	141.16	87.96	54.36	40.91	35.19	29.93	23.34	1152.70	1149.68
6	J & K															
(a)	Lower Jhelum	105.00	55.11	56.95	41.23	31.28	48.88	30.63	20.20	10.13	11.91	8.91	8.07	20.17	343.47	340.09
(b)	Upper Sindh	57.60	7.36	9.37	10.22	10.40	16.98	16.03	11.29	7.70	6.73	4.17	5.06	9.51	114.80	113.69
(c)	Ganderbal	15.00	1.50	1.34	0.95	1.52	1.55	0.25	0.00	0.00	2.00	2.24	0.00	0.00	11.34	11.23
(d)	Mohra	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(e)	Chenani	32.80	11.42	11.16	8.13	10.80	9.92	4.74	3.07	2.01	1.50	1.79	1.42	3.50	69.46	68.78
(f)	Stakna	9.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(g)	Small Hydel	3.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(h)	Pampore GT St - I Pampore GT St - II }	175.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.33	2.33	3.66	3.63
	Total J & K(hydro)	232.69	75.37	78.82	60.53	54.00	77.33	51.66	34.56	19.84	22.14	17.10	14.55	33.17	539.07	533.79
	Total J & K(thermal)	175.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.33	2.33	3.66	3.63
	Total J & K	407.69	75.37	78.82	60.53	54.00	77.33	51.66	34.56	19.84	22.14	17.10	15.88	35.51	542.73	537.42

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7	PUNJAB															
(a)	Jogindernagar/ Shanan	110.00	56.96	79.03	73.70	79.77	74.78	41.50	25.65	16.69	12.94	8.33	7.14	11.22	487.70	487.40
(b)	UBDC	90.00	45.39	46.32	49.93	52.19	48.29	28.95	29.50	7.47	10.84	9.24	17.93	0.00	346.04	344.95
(c)	Mukerian	207.00	36.10	137.78	145.83	145.32	150.97	139.61	107.14	109.83	86.78	49.23	42.97	69.31	1220.87	1217.08
(d)	Anandpur Sahib (APS)	134.00	38.81	76.33	93.83	88.21	94.21	81.33	33.51	53.73	50.66	28.82	12.24	0.00	651.68	650.91
(e)	Ranjit Sagar HPS	600.00	0.00	0.00	0.00	0.00	71.25	85.96	88.06	30.37	58.15	46.32	51.15	3.80	435.05	434.32
(f)	Small Hydel	4.10	0.89	0.90	0.64	0.94	1.08	1.02	0.88	1.02	0.98	0.54	0.65	0.00	9.54	9.47
(g)	GNDTPS (Bhatinda)	440.00	245.03	184.24	247.21	244.42	256.70	248.96	238.86	196.68	240.13	261.46	230.20	199.75	2793.64	2524.45
(h)	GGSTPS (Ropar)	1260.00	690.32	678.75	727.53	802.16	828.12	569.15	577.44	691.82	714.98	767.15	686.02	703.12	8436.56	7751.19
(i)	Jhalkeri Rice Straw Fired	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(k)	Lehra Mohabbat TPS	420.00	171.94	235.63	277.14	301.76	306.55	285.13	306.90	198.87	295.44	267.10	271.91	308.60	3226.98	2939.76
	Total PUNJAB (hydro)	1145.10	178.15	340.36	363.93	366.43	440.56	378.37	284.73	219.11	220.35	142.47	132.09	84.33	3150.89	3144.12
	Total PUNJAB (thermal)	2130.00	1107.29	1098.62	1251.88	1348.34	1391.37	1103.24	1123.20	1087.37	1250.55	1295.71	1188.13	1211.47	14457.18	13215.40
	Total PUNJAB	3275.10	1285.44	1438.99	1615.82	1714.77	1831.94	1481.61	1407.93	1306.48	1470.90	1438.18	1320.22	1295.80	17608.07	16359.53
8	RAJASTHAN															
(a)	Mahi Bajaj Sagar	140.00	1.11	0.00	0.00	0.17	0.00	0.00	0.00	3.55	27.26	4.27	0.00	0.00	36.37	36.00
(b)	Rana Pratap Sagar (RPS)	172.00	19.59	3.05	4.79	5.46	5.07	9.41	48.37	60.78	21.02	2.66	1.13	1.61	182.92	182.20
(c)	Jawahar Sagar (JS)	99.00	14.83	2.80	4.24	13.41	4.17	7.41	32.12	41.09	16.26	1.94	0.85	1.28	140.36	139.98
(d)	Anoopgarh	9.00	1.62	0.67	0.24	0.74	1.61	2.11	0.62	0.58	0.92	0.47	0.32	0.03	9.93	9.83
(e)	Small Hydro	14.86	1.00	0.52	0.28	0.20	0.23	0.56	1.30	0.68	1.21	0.37	0.28	0.00	6.62	6.55
(f)	Kota TPS	850.00	533.82	561.38	460.97	392.19	454.35	418.42	617.05	618.50	637.69	594.35	533.68	605.23	6427.63	5831.08
(g)	RAMGARH GT	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(h)	RAMGARH GT EXT	35.50	21.19	21.39	18.74	21.07	21.29	9.71	21.31	19.94	13.76	21.32	19.59	20.10	229.41	227.12
(i)	Suratgarh TPS	500.00	153.12	167.84	193.88	233.42	157.98	301.64	291.63	327.93	327.27	345.28	324.42	368.15	3192.55	2898.63
(j)	Wind farm	4.25	0.26	0.63	0.61	0.45	0.75	0.31	0.19	0.19	0.28	0.33	0.35	0.29	4.61	4.57
	Total RAJ (hydro)	434.86	38.15	7.04	9.54	19.98	11.07	19.48	82.40	106.66	66.67	9.70	2.58	2.92	376.19	374.56
	Total RAJ (thermal)	1392.75	708.13	750.60	673.58	646.68	633.62	729.77	929.99	966.37	978.72	960.95	877.69	993.48	9849.59	8956.83
	Total RAJASTHAN	1823.36	746.28	757.65	683.13	666.65	644.70	749.25	1012.39	1073.04	1045.39	970.65	880.27	996.40	10225.79	9331.39

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9	UP															
	<u>HYDRO</u>															
(a)	Rihand	300.00	118.64	95.68	82.45	102.45	60.96	94.36	92.14	73.83	83.43	116.57	68.81	25.25	1014.56	1004.41
(b)	Obra	99.00	45.26	37.50	33.45	43.46	33.73	39.31	32.78	27.01	30.15	43.90	26.07	9.53	402.15	398.13
(c)	Matatilla	30.00	-	2.55	5.07	8.25	31.68	21.39	21.47	21.44	13.71	15.32	3.41	4.89	149.17	147.68
(d)	Khatima	41.40	11.96	10.71	9.68	18.27	19.90	20.55	15.80	14.39	13.38	13.20	8.99	9.12	165.93	164.27
(e)	Ramganga	198.00	39.34	13.67	6.53	0.00	0.00	71.50	35.30	14.66	71.70	74.59	71.61	72.57	471.46	466.75
(f)	Ganga Canal	43.40	13.87	14.84	11.91	15.51	17.37	17.11	5.90	14.05	15.38	14.95	10.68	11.43	163.00	161.37
(g)	Yamuna (I & IV)	114.75	45.11	59.58	55.65	60.72	77.06	72.12	45.30	27.53	19.61	15.94	12.94	16.39	507.94	502.86
(h)	Chibro	240.00	69.94	97.29	86.45	92.38	120.92	102.87	58.26	38.54	29.88	26.68	20.85	24.54	768.60	760.91
(i)	Khodri	120.00	33.63	45.79	40.86	43.37	55.32	48.60	28.69	19.55	15.35	13.52	10.78	12.49	367.96	364.28
(j)	Chilla	144.00	44.07	63.73	69.48	74.27	67.78	6.26	50.01	46.28	30.63	29.66	20.09	12.86	515.10	509.95
(k)	Maneri Bhali	90.00	37.49	67.05	50.33	16.27	0.00	47.88	58.24	37.32	27.21	22.62	21.06	22.44	407.91	403.83
(l)	Khara	72.00	30.18	33.34	31.21	29.27	45.61	46.13	31.93	22.13	19.57	17.93	13.93	15.13	336.35	332.99
	Total UP (Hydro)	1492.55	489.48	541.73	483.07	504.21	530.31	588.07	475.84	356.72	369.98	404.89	289.21	236.63	5270.13	5217.43
	<u>THERMAL</u>															
(m)	Obra	160.00	46.56	43.93	38.91	45.98	40.28	21.64	40.17	45.60	29.15	37.46	30.26	32.27	452.21	395.68
(n)	Obra Extn. - I	282.00	80.14	50.70	60.93	56.16	61.74	46.64	46.40	22.71	22.69	31.32	27.81	32.06	539.28	471.87
(o)	Obra Extn. - II	1000.00	386.24	379.33	365.84	442.46	453.40	393.08	406.91	425.20	368.95	388.63	396.59	511.06	4917.71	4302.99
(p)	Panki	32.00	102.36	96.88	86.31	88.55	89.73	71.76	48.84	44.54	42.44	46.36	62.31	81.55	861.63	753.92
(q)	Panki Extn.	210.00														
(r)	Harduaganj - A	0.00	67.93	56.24	65.02	59.81	39.55	56.17	64.57	48.35	64.27	56.00	72.98	57.16	708.05	619.54
(s)	Harduaganj - B	150.00														
(t)	Harduaganj - C	225.00														
(u)	Paricha	220.00	40.15	71.23	65.53	67.74	47.31	43.89	53.10	40.84	42.41	39.50	44.54	42.22	598.45	523.64
(v)	Anpara - A	630.00	348.47	338.01	351.11	368.95	339.27	175.18	291.32	392.78	390.83	355.12	372.82	430.50	4154.35	3635.06
(w)	Anpara - B	1000.00	621.34	595.06	710.30	308.42	731.65	647.54	696.94	669.90	747.03	591.47	381.20	644.90	7345.75	6427.53
	Total UP (Thermal)	3909.00	1693.19	1631.38	1743.95	1438.07	1802.92	1455.91	1648.24	1689.92	1707.77	1545.86	1388.51	1831.71	19577.42	17130.24
	Total UP	5401.55	2182.67	2173.10	2227.02	1942.28	2333.23	2043.97	2124.07	2046.64	2077.75	1950.75	1677.72	2068.34	24847.55	22347.67
10	Total Region	26753.76	11128.41	12616.97	12694.20	12712.25	13348.04	12195.65	12293.58	11556.08	12019.07	11310.28	10479.54	11933.40	144287.48	134492.72

Notes :

1. The ex-bus generations are either actual values or based on the following assumptions in respect of auxiliary consumption

-----Hydro and diesel/gas power stations in open cycle-----1.0% Nuclear stations-----12.5%

-----Gas power stations in combined cycle-----3.0%

-----Coal fired power stations

IP ----12% Rajghat---11% Faridabad----13.5% Suratgarh-----10.0%

Panipat----12.0% RTP----7.5% GNDTP----10.5%

Lehra Mohabbat----10.5% KTPS----10% UPSEB----12.5%

2. Generation at small hydro & Sobla in UP and at small diesel Gen. Sets in UT Chandigarh, H.P. & J&K has been neglected.

7.1 PERFORMANCE OF GENERATING STATIONS IN THE NORTHERN REGION DURING 2000-2001

MONTH --> SL. NO.	Power Station	Effective Capacity MW	Apr 2000	May 2000	Jun 2000	Jul 2000	Aug 2000	Sep 2000	Oct 2000	Nov 2000	Dec 2000	Jan 2001	Feb 2001	Mar 2001	2000-2001	
			Gross MU	Gross MU	Gross MU	Gross MU	Gross MU	Gross MU	Gross MU	Gross MU	Gross MU	Gross MU	Gross MU	Gross MU	Gross MU	Ex bus MU