

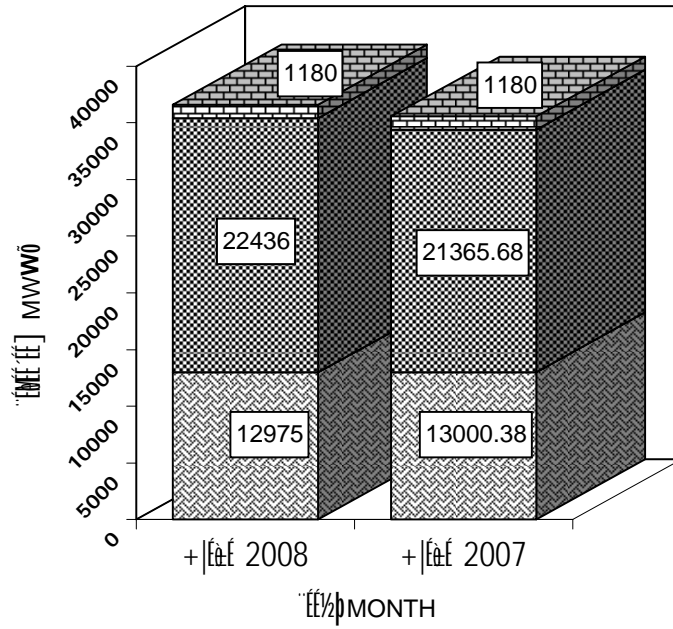
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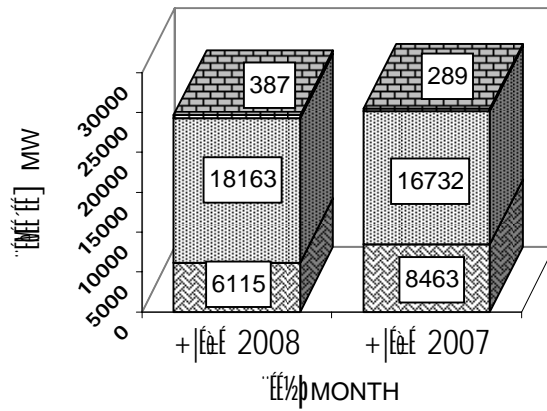
EXHIBITS

Exhibit-I	Regional capacity, Availability and Generation pattern of the Peak day
Exhibit-II	Daily Regional Availability/Shortage curves
Exhibit-III	Daily Regional Peak Availability/Shortage curves
Exhibit-IV	Hourly Load / generation curves of peak day of NR.
Exhibit-V	Hourly Load/ generation curves of off Peak day of NR.
Exhibit-VI to X	Levels recorded/ generation during 2006-2007, 2007-2008 and 2008-2009 of various reservoirs.
Exhibit-XI	Load Duration Curve of Northern Region for the Month
Exhibit-XII	Frequency Duration Curve of Northern Region for the Month

उत्तरी पाँवर ग्रिड की संस्थापिताम
INSTALLED CAPACITY OF NORTHERN POWER GRID



उच्चतम उपलब्धता पर उत्पादन
GENERATION AT PEAK AVAILABILITY



**INSTALLED CAPACITY (IN MW) OF POWER UTILITIES IN THE STATES/UTS LOCATED IN NORTHERN REGION
INCLUDING ALLOCATED SHARES IN JOINT & CENTRAL SECTOR UTILITIES**

(As on 30-04-08)

State	Ownership Sector	Modewise breakup				TotalThermal	Nuclear	Hydro (Renewable)	RES (MNRE)	Grand Total
		Thermal								
		Coal	Gas	Diesel						
Delhi	State	320.00	612.40	0.00	932.40	0.00	0.00	0.00	932.40	
	Private	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Central	1920.50	204.30	0.00	2124.80	47.08	585.06	0.00	2756.94	
	Sub-Total	2240.50	816.70	0.00	3057.20	47.08	585.06	0.00	3689.34	
Haryana	State	2202.50	0.00	3.92	2206.42	0.00	884.24	62.70	3153.36	
	Private	0.00	0.00	0.00	0.00	0.00	0.00	6.00	6.00	
	Central	375.57	532.04	0.00	907.61	76.16	447.16	0.00	1430.93	
	Sub-Total	2578.07	532.04	3.92	3114.03	76.16	1331.40	68.70	4590.29	
Himachal	State	0.00	0.00	0.13	0.13	0.00	393.60	146.62	540.35	
	Private	0.00	0.00	0.00	0.00	0.00	386.00	0.00	386.00	
	Central	95.41	60.89	0.00	156.30	14.08	761.24	0.00	931.62	
	Sub-Total	95.41	60.89	0.13	156.43	14.08	1540.84	146.62	1857.97	
Jammu & Kashmir	State	0.00	175.00	8.94	183.94	0.00	330.00	111.83	625.77	
	Private	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Central	198.59	127.09	0.00	325.68	68.00	689.50	0.00	1083.18	
	Sub-Total	198.59	302.09	8.94	509.62	68.00	1019.50	111.83	1708.95	
Punjab	State	2380.00	0.00	0.00	2380.00	0.00	2319.82	123.90	4823.72	
	Private	0.00	0.00	0.00	0.00	0.00	0.00	37.57	37.57	
	Central	546.21	259.72	0.00	805.93	151.04	711.75	0.00	1668.72	
	Sub-Total	2926.21	259.72	0.00	3185.93	151.04	3031.57	161.47	6530.01	
Rajasthan	State	2545.00	443.80	0.00	2988.80	0.00	987.84	30.25	4006.89	
	Private	0.00	0.00	0.00	0.00	0.00	0.00	512.75	512.75	
	Central	567.49	217.74	0.00	785.23	469.00	468.98	0.00	1723.21	
	Sub-Total	3112.49	661.54	0.00	3774.03	469.00	1456.82	543.00	6242.85	
Uttar Pradesh	State	4380.00	0.00	0.00	4380.00	0.00	527.40	25.10	4932.50	
	Private	0.00	0.00	0.00	0.00	0.00	0.00	148.88	148.88	
	Central	2373.31	541.16	0.00	2914.47	203.72	1078.09	0.00	4196.28	
	Sub-Total	6753.31	541.16	0.00	7294.47	203.72	1605.49	173.98	9277.66	
Uttarakhand	State	0.00	0.00	0.00	0.00	0.00	1248.25	82.62	1330.87	
	Private	0.00	0.00	0.00	0.00	0.00	400.00	0.05	400.05	
	Central	232.80	68.25	0.00	301.05	16.28	307.48	0.00	624.81	
	Sub-Total	232.80	68.25	0.00	301.05	16.28	1955.73	82.67	2355.73	
Chandigarh	State	0.00	0.00	2.00	2.00	0.00	0.00	0.00	2.00	
	Private	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Central	26.51	15.07	0.00	41.58	4.84	47.04	0.00	93.46	
	Sub-Total	26.51	15.07	2.00	43.58	4.84	47.04	0.00	95.46	
	Central - UA	713.61	285.73	0.00	999.34	129.80	401.70	0.00	1530.84	
Total	State	11827.50	1231.20	14.99	13073.69	0.00	6691.15	583.02	20347.86	
Northern Region	Private	0.00	0.00	0.00	0.00	0.00	786.00	705.25	1491.25	
	Central	7050.00	2311.99	0.00	9361.99	1180.00	5498.00	0.00	16039.99	
	Grand Total	18877.50	3543.19	14.99	22435.68	1180.00	12975.15	1288.27	37879.10	

उत्तर प्रदेश	प्रतिष्ठित क्षमता (MW)		प्रभावी क्षमता (MW)	कुल (G.M.)	शुद्ध (N.M.)	कumulative FROM 01.04.2008 (GROSS MU)	कumulative FROM 01.04.2008 (NET MU)	POWER STATION	
8 - उत्तर प्रदेश									
Hydro								HYDRO	
Rihand	6x50	300.00	300.00	26.39		26.39		Rihand	
Obra	3x33	99.00	99.00	10.31		10.31		Obra	
Matatila	3x10.2	30.60	30.60	0.78		0.78		Matatila	
Khara	3x24	72.00	72.00	21.15		21.15		Khara	
Total Hydro		501.60	501.60	58.63	58.05	58.63	58.05	Total Hydro	
Coal								COAL	
Obra	5x50	250.00	160.00	496.46		496.46		Obra	
Obra Extn. - I	3x100	300.00	282.00						Obra Extn. - I
Obra Extn. - II	5x200	1000.00	1000.00					Obra Extn. - II	
Panki Extn.	2x110	220.00	210.00	128.67		128.67		Panki Extn.	
Harduaganj- A	1x50	50.00	0.00	64.76				Harduaganj- A	
Harduaganj- B	3x60	180.00	168.00				64.76		Harduaganj- B
Harduaganj- C	1x110	110.00	105.00						Harduaganj- C
Parichha	2x110+2x210	640.00	640.00	301.62		301.62		Parichha	
Anpara - A	3x210	630.00	630.00	735.84				Anpara - A	
Anpara - B	2x500	1000.00	1000.00				735.84		Anpara - B
Total Coal		4380.00	4195.00	1727.35	1520.07	1727.35	1520.07	Total Coal	
R.E.S								R.E.S	
अपरमरगागर्जा स्रोत		173.98	173.98	214.00	214.00	214.00	214.00	R.E.S	
Total UP		5055.58	4870.58	1999.98	1792.12	1999.98	1792.12	Total UP	
9 Chandigarh									
Diesel Gen. Sets								Diesel Gen. Sets	
Diesel Gen. Sets	2.00	2.00	1.40	0.00	0.00	0.00		Diesel Gen. Sets	
Total Chandigarh	2.00	2.00	1.40	0.00	0.00	0.00		Total Chandigarh	
Total Regional									
Total Regional Hydro*				3049.22	3024.45	3049.23	3024.45	Total Regional Hydro*	
Total Regional Coal*				10432.98	9323.56	10432.99	9323.56	Total Regional Coal*	
Total Regional Gas*				1664.14	1640.73	1664.14	1640.73	Total Regional Gas*	
Total Regional Diesel*				0.00	0.00	0.00	0.00	Total Regional Diesel*	
Total Regional Thermal*				12097.12	10964.29	12097.13	10964.29	Total Regional Thermal*	
Total Regional Nuclear*				279.51	234.91	279.51	234.91	Total Regional Nuclear*	
Total Regional R.E.S*				308.64	308.46	308.64	308.46	Total Regional R.E.S*	
TOTAL REGIONAL *				15734.49	14532.11	15734.50	14532.10	TOTAL REGIONAL *	

NOTE : []

- (a) The auxiliary consumption for hydro and gas units of state sector has been taken as 1% and 3%.
- (b) The auxiliary consumption for coal fired units in the state sector has been assumed at 12% for UP and 10% for rest coal fired units.
- (c) RES=Renewable Energy Sources includes SHP(Small Hydro Project) ,wind power, BG(Biomass Gasifier), BP(Biomass Power), U&I(Urban & Industrial Waste Power)

PLANT LOAD FACTOR (PLF) OF THERMAL/GAS/NUCLEAR POWER STATIONS

IN NORTHERN REGION DURING THE MONTH OF APRIL, 2008

Sl. No.	Station Name	Effective Capacity (MW)	Gen. Of the month (MU)	PLF of the month (%)	01.04.2007 Gen. since 01.04.2008 (MU)	PLF since 01.04.2008 (%)	Power Station
CENTRAL SECTOR							
1	NTPC						
	Badarpur TPS	705.00	467.08	92.02	467.08	92.02	Badarpur TPS
	Singrauli STPS	2000.00	1149.28	79.81	1149.28	79.81	Singrauli STPS
	Rihand STPS	2000.00	1471.34	102.18	1471.34	102.18	Rihand STPS
	Dadri NCTPS	840.00	510.79	84.46	510.79	84.46	Dadri NCTPS
	Unchahar TPS Stg.-I	420.00	288.85	95.52	288.85	95.52	Unchahar TPS Stg.-I
	Unchahar TPS Stg.-II	420.00	187.81	62.11	187.81	62.11	Unchahar TPS Stg.-II
	Unchahar TPS Stg.-III	210.00	144.47	95.55	144.47	95.55	Unchahar TPS Stg.-III
	Tanda TPS	440.00	238.64	75.33	238.64	75.33	Tanda TPS
	Total Thermal	7035.00	4458.26	88.02	4458.26	88.02	Total Thermal
	Total Gas	2312.00	1193.37	71.69	1193.37	71.69	Total Gas
	Total NTPC	9347.00	5651.63	83.98	5651.63	83.98	Total NTPC
2	NPC						
	RAPS-A	300.00	0.00	0.00	0.00	0.00	RAPS-A
	RAPS-B	440.00	208.86	65.93	208.86	65.93	RAPS-B
	NAPS	440.00	70.65	22.30	70.65	22.30	NAPS
	Total NPC	1180.00	279.51	32.90	279.51	32.90	Total NPC
	Total Central Sector	10527.00	5931.14	78.25	5931.14	78.25	Total Central Sector
STATE SECTOR							
1	DELHI						
	Inder Prastha TPS	247.50	88.75	49.80	88.75	49.80	Inder Prastha TPS
	Rajghat TPS	135.00	71.96	74.03	71.96	74.03	Rajghat TPS
	Total Thermal	382.50	160.70	58.35	160.71	58.35	Total Thermal
	Gas Turbine	282.00	136.06	67.01	136.06	67.01	Gas Turbine
	Pragati Gas Turbine	330.40	128.95	54.21	128.95	54.21	Pragati Gas Turbine
	Total GAS	612.40	425.71	96.55	265.01	60.10	Total GAS
	Total Delhi	994.90	586.42	81.86	425.72	59.43	Total Delhi
2	HARYANA						
	Faridabad TPS	165.00	54.15	45.58	54.15	45.58	Faridabad TPS
	Panipat TPS	1360.00	786.82	80.35	786.82	80.35	Panipat TPS
	DCRTPP (Yamunanagar)	600.00	193.80	44.86	193.80	44.86	DCRTPP (Yamunanagar)
	Total Thermal	2125.00	1034.77	67.63	1034.77	67.63	Total Thermal
	Total Haryana	2125.00	1034.77	67.63	1034.77	67.63	Total Haryana

Sl. No.	Particulars	Effective Capacity (MW)	Gen. Of the month (MU)	PLF of the month (%)	01.04.2007 to 01.04.2008 Gen. since 01.04.2008(MU)	01.04.2007 to 01.04.2008 PLF since 01.04.2008 (%)	Power Station
3	VE "BU" E EOMJE "EOMU (E" (E"PU VEO.]O.	175.00	0.00	0.00	0.00	0.00	J&K Pampore Gas Turbine
	EOMJE VE "BU" E EOMJE "EOMU	175.00	0.00	0.00	0.00	0.00	Total J&K
4	(EWE" E	400.00	196.65	68.28	196.65	68.28	PUNJAB GNDTPS (Bhatinda) GGSTPS (Ropar) Lehra Mohabat TPS
	IE] OMOE IEE. E. E. Ea.	1260.00	815.97	89.94	815.97	89.94	
	OEIC= E. E. Ea.	670.00	316.22	65.55	316.22	65.55	
	EOMJE (EWE" E	2330.00	1328.84	79.21	1328.84	79.21	Total Punjab
5	OEVE" ESE E	1045.00	665.87	88.50	665.87	88.50	RAJASTHAN Kota TPS Suratgarh TPS Giral TPS
	Eid] E IEE. E. E. Ea.	1250.00	862.30	95.81	862.30	95.81	
	OEUMEGO IEE. E. E. Ea.	125.00	15.52	17.25	15.52	17.25	
	OEUMEGO VEO.]O.	2420.00	1543.69	88.60	1543.69	88.60	Total Thermal
	OEUMEGO VEO.]O.	110.50	22.87	28.75	22.87	28.75	Ramgarh Gas Turbine
	OEUMEGO VEO.]O.	330.00	182.89	76.97	182.89	76.97	Dholpur CCGT
	EOMJE OEVE" ESE E	440.50	205.76	105.72	205.76	105.72	Total GAS
EOMJE OEVE" ESE E	2860.50	1749.45	84.94	1749.45	84.94	Total Rajasthan	
6	=KE" E]EOMJE	160.00	496.46	47.82	496.46	47.82	UTTAR PRADESH Obra Obra Extn. - I Obra Extn. - II Panki Extn.
	+EOMJE	282.00					
	+EOMJE E" IEE"OMJE *	1000.00					
	(EVEEO) E" IEE"OMJE **	210.00	128.67	85.10	128.67	85.10	Harduaganj - B
	1/2PmO- EOMJE + EO	168.00	64.76	32.95	64.76	32.95	Harduaganj - C
	1/2PmO- EOMJE + EO	105.00					
	(E"OSU]A	640.00	301.62	65.46	301.62	65.46	Parichha
	+XE"EE"OMJE + B	630.00	735.84	62.70	735.84	62.70	Anpara - A
	+XE"EE"OMJE + EO	1000.00					
	EOMJE =KE" E]EOMJE	4195.00	1727.35	57.19	1727.35	57.19	Total U.P. (Thermal)
OEOMJE OE"]OMJE OE"OE	897.90	448.58	69.39	287.88	44.53	State Sector (Gas)	
OEOMJE OE"]OMJE IEE"OE	11452.50	5795.35	70.28	5795.36	70.28	State Sector (Thermal)	
EOMJE OEOMJE OE"]OMJE	12350.40	6243.94	70.22	6083.24	68.41	State Sector (Total)	
I]E (IEE"OE)	18487.50	10253.61	77.03	10253.62	77.03	Region (Thermal)	
I]E (ME"OE)	3209.90	1641.95	71.05	1481.25	64.09	Region (Gas)	
I]E (XEE"IEE"OE)	1180.00	279.51	32.90	279.51	32.90	Region (Nuclear)	
EOMJE I]E"OE	22877.40	12175.07	73.91	12014.37	72.94	TOTAL REGIONAL	

HOURLY LOAD - GENERATION DATA OF THE REGION FOR PEAK DAY

14.04.08

PKY (HOURS)	HYDRO GENERATION(MW)	NUCLEAR GENERATION(MW)	GAS FIRED GENERATION(MW)	COAL FIRED GENERATION(MW)	TOTAL GENERATION(MW)	TOTAL EXCHANGE(MW)	AVAILABILITY(MW)	REGULATED LOAD (MW)*	LOAD SHEDDING (MW)	REGULATED DEMAND (MW) \$	RES.DEMAND (AVAIL.+L/S)(MW) #
01	4353	394	2158	14507	21412	-1687	23099	23332	1624	24956	24723
02	4048	398	2683	14545	21674	-1671	23345	23629	1608	25237	24953
03	3977	396	2707	14480	21560	-1489	23049	23452	1708	25160	24757
04	3804	400	2735	14472	21411	-1655	23066	23585	1601	25186	24667
05	3662	394	2843	14456	21355	-1872	23227	23691	2085	25776	25312
06	4248	398	3374	14461	22481	-2043	24524	25086	3080	28166	27604
07	3943	394	3209	14507	22053	-1720	23773	24003	3687	27690	27460
08	3552	389	2820	14502	21263	-1748	23011	23452	2994	26446	26005
09	3367	389	2737	14546	21039	-1581	22620	23110	2077	25187	24697
10	3743	390	2514	14532	21179	-1374	22553	23347	2239	25586	24792
11	4181	391	2560	14568	21700	-1160	22860	23684	2990	26674	25850
12	4033	391	2529	14568	21521	-1271	22792	23458	3162	26620	25954
13	3511	388	2521	14735	21155	-1504	22659	22888	3713	26601	26372
14	3394	389	2524	14515	20822	-1004	21826	22271	2586	24857	24412
15	3958	388	2487	14739	21572	-570	22142	22649	3240	25889	25382
16	3859	387	2661	14845	21752	-561	22313	22909	2875	25784	25188
17	2986	388	2708	14845	20927	-1160	22087	22446	2130	24576	24217
18	3265	390	2848	15002	21505	-677	22182	22271	3014	25285	25196
19	5303	386	2975	14979	23643	-713	24356	25318	3189	28507	27545
20	6115	387	3371	14963	24836	-728	25564	26508	3596	30104	29160
21	5121	388	3316	14867	23692	-859	24551	25331	4518	29849	29069
22	5236	388	3074	14721	23419	-445	23864	24735	4248	28983	28112
23	5158	389	2926	14972	23445	-456	23901	24559	3809	28368	27710
24	4821	391	2787	14936	22935	-719	23654	24487	2135	26622	25789

HOURLY LOAD - GENERATION DATA OF THE REGION FOR OFF PEAK DAY

08.04.08

PKY (HOURS)	HYDRO GENERATION(MW)	NUCLEAR GENERATION (MW)	GAS FIRED GENERATION (MW)	COAL FIRED GENERATION (MW)	TOTAL GENERATION (MW)	TOTAL EXCHANGE (MW)	AVAILABILITY (MW)	REGULATED LOAD (MW) *	LOAD SHEDDING (MW)	REGULATED DEMAND (MW) \$	RES.DEMAND (AVAIL.+L/S)(MW) #
01	3506	415	2033	13848	19802	-408	20210	20530	1874	22404	22084
02	2785	413	2056	13911	19165	-937	20102	20321	1708	22029	21810
03	2628	415	2062	13788	18893	-989	19882	20059	1438	21497	21320
04	2540	419	2062	13715	18736	-1205	19941	19981	1581	21562	21522
05	2961	409	1961	13759	19090	-1074	20164	20711	1874	22585	22038
06	3849	414	1966	13760	19989	-1317	21306	21794	3139	24933	24445
07	4161	415	1950	13715	20241	-1436	21677	21985	4522	26507	26199
08	4017	420	2039	13739	20215	-1234	21449	21423	2614	24037	24063
09	3669	412	1999	13712	19792	-941	20733	21260	1834	23094	22567
10	3875	409	2035	13696	20015	-769	20784	21533	2326	23859	23110
11	3761	408	2063	13621	19853	-850	20703	21432	2812	24244	23515
12	3360	405	1953	13670	19388	-957	20345	20760	2792	23552	23137
13	2999	403	1915	13803	19120	-1026	20146	20407	2875	23282	23021
14	2986	402	1909	13564	18861	-309	19170	19771	1923	21694	21093
15	2830	400	1882	13584	18696	-747	19443	20036	2970	23006	22413
16	2796	397	1887	12937	18017	-738	18755	19169	3439	22608	22194
17	2615	398	1907	12976	17896	-741	18637	19017	2671	21688	21308
18	2744	398	1927	13076	18145	-803	18948	19478	4520	23998	23468
19	4889	398	2017	13153	20457	-498	20955	21639	4506	26145	25461
20	6372	398	2163	13408	22341	-153	22494	23490	5721	29211	28215
21	5842	400	2228	13422	21892	-337	22229	23281	5985	29266	28214
22	4393	396	2159	13483	20431	-673	21104	21847	5681	27528	26785
23	4021	403	2122	13386	19932	-912	20844	21348	4603	25951	25447
24	4103	404	2104	13496	20107	-748	20855	21769	2409	24178	23264

Note Import (-) / Export (+)

* Regulated Load is recorded load with frequency correction (3% per Hz for peak hours and 4% per Hz for other hours)

\$ Regulated Demand is regulated load plus load shedding

Res. Demand is availability plus load shedding

+ [a]u 2008 [b]a n[]e + [c]o[]e [d]e [e]o[]e + [f]o[]e
NOTIFIED POWER CUTS AND RESTRICTIONS DURING THE MONTH OF APRIL 200

1.Power Cut on Industries

Go T []e	[]o[]e/ []o[]e	Industries	Energy Cut(MU/day)	Demand Cut(MW)	Restriction Timings	Remarks
Sr.No.	State/UT					
1	SHIMLA CHANDIGARH	HT LT			No Notified Power Cut	
2	DELHI	HT/LT			No Notified Power Cut	
3	HARYANA	HT/LT	2.2	100-250	0500 to 0800 hrs,1330 to 1800 hrs, 1800 to2200 hrs	
4	H.P	HT/LT	0.255	85	1900 to 2200 hrs	Peak Hrs.
5	PUNJAB	HT/LT	1.8	600	1900 to 2200 hrs	Peak Hrs.
			4.083	170		One weekly off days on arc/induction furnaces & general industry w.e.f 01.04.08 to 30.04.08 (except 03.04.08 and 07.04.04)
6	RAJASTHAN	HT/LT	Nil	Nil		
7	UTTARANCHAL	HT/LT			No Notified Power Cut	
8	UTTAR PRADESH	HT/LT			No Notified Power Cut	

2.Power Supply To Agriculture

Go T []e	[]o[]e/ []o[]e	Three Phase	Supply Hrs. Per Day			Remarks
Sr.No.	State/UT		Maximum	Minimum	Average	
1	CHANDIGARH		24 hrs			
2	DELHI		24 Hrs			
3	HARYANA	Three Phase	5.00	5.00	5.00	
4	HIMACHAL PRADESH		24hrs			
5	PUNJAB	Three Phase	20.28	12.63	16.28	
6	RAJASTHAN	Three Phase	13	9	11	
7	UTTARANCHAL	Three Phase	24	24	24	
8	UTTAR PRADESH		11.21	7.28	8.35	

Curtailment schedule of Jammu & Kashmir:-

Jammu Province

0600 - 1200

1300-1700

1800-2200

0000-0500

50%Load Off

.....do.....

.....do.....

3/7th load off

Total hours of curtailment/day(AV) cut=9 Hrs.10 Mins.

Kashmir Province

0500-0800

0800-1800

1800-2200

0000-0500

3/7th load off

50%Load Off

2/7th Load off

3/7th load off

Total hours of curtailment/day(AV) cut=9 Hrs.30 Mins.

**PERCENTAGE SHARES AND ENTITLEMENTS OF NORTHERN REGION UTILITIES
IN VARIOUS CENTRAL SECTOR GENERATING STATIONS
Summary**

A. Allocations from N.R. (All figures in %)

U.A.-Pooled (1370 MW \$) excluding RAPP #3&4				
State/UT	0-6 & 23-24 h	06-10 hrs	10-18 hrs	18-23 hrs
Chandigarh	5.00	5.00	6.00	7.00
Delhi	0.00	0.00	20.00	22.00
Haryana	17.00	19.00	16.00	16.00
H.P.	0.00	0.00	0.00	0.00
J & K	15.00	12.00	9.00	9.00
Punjab	18.00	19.00	9.00	6.00
Rajasthan	20.00	20.00	16.00	16.00
U.P.	25.00	22.00	21.00	21.00
Uttarakhand	0.00	3.00	3.00	3.00
Total	100.00	100.00	100.00	100.00

U.A.(66 MW)- RAPS:B # 3 & 4				
State/UT	'00-06 & 23-24 hrs	06-10 hrs	10-18 hrs	18-23 hrs
Chandigarh	0	0	0	0
Delhi	0	0	2.5	3.1818
Haryana	2.50	0	2.50	0
H.P.	0	0	0	0
J & K	0	0	0	0
Punjab	3.18	3.18	0.00	0.00
Rajasthan	5.91	8.41	7.50	8.41
U.P.	3.41	3.41	2.50	3.41
Uttarakhand	0	0	0	0
Total	15.00	15.00	15.00	15.00

\$ -UA of Four machines of Tehri, HEP has been included in Pooled UA
UA of Kahalgaon stage-II machines will be included from COD of uni

ND ENTITLEMENTS OF NORTHERN REGION UTILITIES
N CENTRAL SECTOR GENERATING STATIONS

B. Allocations from E.R. and Tala , HPS(Bhutan)

(All figures in %)

State/UT	Existing Allocation from E.R. (Pre Tala)			Allocations after COD of 2 units of Tala						Allocations applicable after COD of 3 units of Tala						Allocations applicable after COD of 4 units of Tala									
	FARAKKA	K'GAON-I	TALCHER	Add.allocation from E.R.			Total allocations from E.R.			Add.allocation from E.R.			Total allocations from E.R.			Add.allocation from E.R.			Total allocations from E.R.						
	1600 MW	840 MW	1000 MW	FARAKKA	K'GAON-I	TALCHER	FARAKKA	K'GAON-I	TALCHER	Tala, HEP (15% UA Power) 340 MW (2 Units)	FARAKKA	K'GAON-I	TALCHER	FARAKKA	K'GAON-I	TALCHER	Tala, HEP (15% UA Power) 510 MW (3 Units)	FARAKKA	K'GAON-I	TALCHER	FARAKKA	K'GAON-I	TALCHER	Tala, HEP (15% UA Power) 680 MW (4 Units)	
Chandigarh	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	0.21	6.34	0.21	6.34	0.00	2.94	0.88	8.44	0.88	8.44	0.00	2.94	1.88	9.91	1.88	9.91	0.00	2.94	1.88	9.91	0.00	2.94
Haryana	0.00	0.00	0.00	0.11	3.17	0.11	3.17	0.00	1.47	0.44	4.22	0.44	4.22	0.00	1.47	0.94	4.96	0.94	4.96	0.00	1.47	0.94	4.96	0.00	1.47
H.P.	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
J & K	0.43	0.43	0.43	0.13	3.82	0.56	4.25	0.43	1.77	0.53	5.08	0.96	5.51	0.43	1.77	1.13	5.96	1.56	6.39	0.43	1.77	1.13	5.96	0.43	1.77
Punjab	0.00	0.00	0.00	0.21	6.34	0.21	6.34	0.00	2.94	0.88	8.44	0.88	8.44	0.00	2.94	1.88	9.91	1.88	9.91	0.00	2.94	1.88	9.91	0.00	2.94
Rajasthan	0.38	0.38	0.38	0.11	3.17	0.49	3.55	0.38	1.47	0.44	4.22	0.82	4.60	0.38	1.47	0.94	4.96	1.32	5.34	0.38	1.47	0.94	4.96	0.38	1.47
U.P.	1.19	1.18	1.19	0.32	9.50	1.51	10.68	1.19	4.41	1.32	12.65	2.51	13.83	1.19	4.41	2.81	14.86	4.00	16.04	1.19	4.41	2.81	14.86	1.19	4.41
Uttarakhand	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	2.00	1.99	2.00	1.09	32.34	3.09	34.33	2.00	15.00	4.49	43.05	6.49	45.04	2.00	15.00	9.58	50.56	11.58	52.55	2.00	15.00	11.58	52.55	2.00	15.00

State/UT	Existing Allocation from E.R. (Pre Tala)			Allocations applicable after COD of 5 units of Tala						Allocations applicable after COD of 6 units of Tala							
	FARAKKA	K'GAON-I	TALCHER	Add.allocation from E.R.			Total allocations from E.R.			Add.allocation from E.R.			Total allocations from E.R.				
	1600 MW	840 MW	1000 MW	FARAKKA	K'GAON-I	TALCHER	FARAKKA	K'GAON-I	TALCHER	Tala, HEP (15% UA Power) 850 MW (5 Units)	FARAKKA	K'GAON-I	TALCHER	FARAKKA	K'GAON-I	TALCHER	Tala, HEP (15% UA Power) 1020 MW (6 Units)
Chandigarh	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	0.00	0.00	0.00
Delhi	0.00	0.00	0.00	3.03	11.09	3.03	11.09	0.00	2.94	4.18	12.27	4.18	12.27	0.00	2.94	4.18	12.27
Haryana	0.00	0.00	0.00	1.51	5.55	1.51	5.55	0.00	1.47	2.09	6.14	2.09	6.14	0.00	1.47	2.09	6.14
H.P.	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	0.00	0.00	0.00
J & K	0.43	0.43	0.43	1.82	6.68	2.25	7.11	0.43	1.77	2.52	7.39	2.95	7.82	0.43	1.77	2.52	7.39
Punjab	0.00	0.00	0.00	3.03	11.09	3.03	11.09	0.00	2.94	4.18	12.27	4.18	12.27	0.00	2.94	4.18	12.27
Rajasthan	0.38	0.38	0.38	1.51	5.55	1.89	5.93	0.38	1.47	2.09	6.14	2.47	6.52	0.38	1.47	2.09	6.14
U.P.	1.19	1.18	1.19	4.56	16.62	5.75	17.80	1.19	4.41	6.27	18.41	7.46	19.60	1.19	4.41	6.27	18.41
Uttarakhand	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	0.00	0.00	0.00
Total	2.00	1.99	2.00	15.46	56.58	17.46	58.57	2.00	15.00	21.33	62.62	23.33	64.62	2.00	15.00	23.33	64.62

C. Kahalgaon-II (3*500 MW = 1500 MW) Eastern Region

(All figures in %)

State/UT	00-06 & 23-24			06-10		10-18		18-23	
	Share	U.A.	Entlmt	U.A.	Entlmt	U.A.	Entlmt	U.A.	Entlmt
Chandigarh	0.20	0.29	0.49	0.29	0.49	0.35	0.55	0.410	0.61
Delhi	6.00	0.00	6.00	0.00	6.00	1.17	7.17	1.290	7.29
Haryana	2.33	1.00	3.33	1.11	3.44	0.94	3.27	0.940	3.27
H.P.	1.53	0.00	1.53	0.00	1.53	0.00	1.53	0.000	1.53
J & K	2.87	0.88	3.75	0.70	3.57	0.53	3.40	0.530	3.40
Punjab	3.53	1.05	4.58	1.12	4.65	0.53	4.06	0.350	3.88
Rajasthan	4.87	1.17	6.04	1.17	6.04	0.94	5.81	0.940	5.81
U.P.	10.00	1.47	11.47	1.29	11.29	1.23	11.23	1.230	11.23
Uttarakhand	1.87	0.00	1.87	0.18	2.05	0.17	2.04	0.170	2.04
Total	33.20	5.86	39.06	5.86	39.06	5.86	39.06	5.86	39.06

Note: The allocations from Kahalgaon stage-II, in E.R. thermal power station shall be applicable from the date of Commercial Operation

REGION UTILITIES IN VARIOUS CENTRAL SECTOR GENERATING STATIONS

NTPC stations

(All figures in %)

SINGRAULI (2000 MW)					RIHAND-I (1000 MW)										RIHAND-II (1000 MW)												
State/UT	00-06 & 23-24			06-10		10-18		18-23		00-06 & 23-24			06-10		10-18		18-23		00-06 & 23-24			06-10		10-18		18-23	
	Share	U.A.	Entlmt	U.A.	Entlmt	U.A.	Entlmt	U.A.	Entlmt	Share	U.A.	Entlmt	U.A.	Entlmt	U.A.	Entlmt	U.A.	Entlmt	Share	U.A.	Entlmt	U.A.	Entlmt	U.A.	Entlmt	U.A.	Entlmt
Chandigarh	0.00	0.75	0.75	0.75	0.75	0.90	0.90	1.05	1.05	1.00	0.75	1.75	0.75	1.75	0.90	1.90	1.04	2.04	0.80	0.75	1.55	0.75	1.55	0.90	1.70	1.05	1.85
Delhi	7.50	0.00	7.50	0.00	7.50	3.00	10.50	3.30	10.80	10.00	0.00	10.00	0.00	10.00	2.98	12.98	3.28	13.28	12.60	0.00	12.60	0.00	12.60	3.00	15.60	3.30	15.90
Haryana	10.00	2.55	12.55	2.85	12.85	2.40	12.40	2.40	12.40	6.50	2.53	9.03	2.84	9.34	2.39	8.89	2.39	8.89	5.70	2.55	8.25	2.85	8.55	2.40	8.10	2.40	8.10
H.P.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.50	0.00	3.50	0.00	3.50	0.00	3.50	0.00	3.50	3.30	0.00	3.30	0.00	3.30	0.00	3.30	0.00	3.30
J & K	0.00	2.25	2.25	1.80	1.80	1.35	1.35	1.35	1.35	7.00	2.24	9.24	1.79	8.79	1.34	8.34	1.34	8.34	9.40	2.25	11.65	1.80	11.20	1.35	10.75	1.35	10.75
Punjab	10.00	2.70	12.70	2.85	12.85	1.35	11.35	0.90	10.90	11.00	2.69	13.69	2.83	13.83	1.34	12.34	0.90	11.90	10.20	2.70	12.90	2.85	13.05	1.35	11.55	0.90	11.10
Rajasthan	15.00	3.00	18.00	3.00	18.00	2.40	17.40	2.40	17.40	9.50	2.98	12.48	2.98	12.48	2.39	11.89	2.39	11.89	10.00	3.00	13.00	3.00	13.00	2.40	12.40	2.40	12.40
U.P.	37.68	3.75	41.43	3.30	40.98	3.15	40.83	3.15	40.83	32.57	3.73	36.30	3.28	35.85	3.13	35.70	3.13	35.70	29.60	3.75	33.35	3.30	32.90	3.15	32.75	3.15	32.75
Uttarakhand	4.82	0.00	4.82	0.45	5.27	0.45	5.27	0.45	5.27	3.93	0.00	3.93	0.45	4.38	0.45	4.38	0.45	4.38	3.40	0.00	3.40	0.45	3.85	0.45	3.85	0.45	3.85
HVDC_Rihand	0	0	0	0	0	0.00	0	0	0	0	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0	0	0	0	0	0	0	0	0
HVDC Dadri	0	0	0	0	0	0.00	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	85.00	15.00	100.00	15.00	100.00	15.00	100.00	15.00	100.00	85.00	15.00	100.00	15.00	100.00	15.00	100.00	15.00	100.00	85.00	15.00	100.00	15.00	100.00	15.00	100.00	15.00	100.00

UNCHAHR-I (420 MW)					UNCHAHR-II (420 MW)					DADRI(T) (840 MW)											
State/UT	00-06 & 23-24			06-10		10-18		18-23		00-06 & 23-24			06-10		10-18		18-23		00-05 and 23-24		05-23
	Share	U.A.	Entlmt	U.A.	Entlmt	U.A.	Entlmt	U.A.	Entlmt	Share	U.A.	Entlmt	U.A.	Entlmt	U.A.	Entlmt	U.A.	Entlmt	Share	Share	
Chandigarh	0.48	0.24	0.72	0.24	0.72	0.29	0.77	0.33	0.81	0.71	0.75	1.46	0.75	1.46	0.90	1.61	1.05	1.76	0	0	
Delhi	5.71	0.00	5.71	0.00	5.71	0.96	6.67	1.05	6.76	11.19	0.00	11.19	0.00	11.19	3.00	14.19	3.30	14.49	90	90.00	
Haryana	2.62	0.81	3.43	0.91	3.53	0.76	3.38	0.76	3.38	5.48	2.55	8.03	2.85	8.33	2.40	7.88	2.40	7.88	0	0	
H.P.	1.67	0.00	1.67	0.00	1.67	0.00	1.67	0.00	1.67	2.86	0.00	2.86	0.00	2.86	0.00	2.86	0.00	2.86	0	0	
J & K	3.33	0.72	4.05	0.57	3.90	0.43	3.76	0.43	3.76	7.14	2.25	9.39	1.80	8.94	1.35	8.49	1.35	8.49	0	0	
Punjab	8.57	0.86	9.43	0.91	9.48	0.43	9.00	0.29	8.86	14.28	2.70	16.98	2.85	17.13	1.35	15.63	0.90	15.18	0	0	
Rajasthan	4.76	0.95	5.71	0.95	5.71	0.76	5.52	0.76	5.52	9.05	3.00	12.05	3.00	12.05	2.40	11.45	2.40	11.45	0	0	
U.P.	59.52	1.19	60.71	1.05	60.57	1.00	60.52	1.01	60.53	30.69	3.75	34.44	3.30	33.99	3.15	33.84	3.15	33.84	10.00	10.00	
Uttarakhand	8.57	0.00	8.57	0.14	8.71	0.14	8.71	0.14	8.71	3.60	0.00	3.60	0.45	4.05	0.45	4.05	0.45	4.05	0	0	
Total	95.23	4.77	100.00	4.77	100.00	4.77	100.00	4.77	100.00	85.00	15.00	100.00	15.00	100.00	15.00	100.00	15.00	100.00	100.00	100.00	

ANTA (G) (419 MW)					AURAIYA (G) (663 MW)										DADRI(G) (830 MW)												
State/UT	00-06 & 23-24			06-10		10-18		18-23		00-06 & 23-24			06-10		10-18		18-23		00-06 & 23-24			06-10		10-18		18-23	
	Share	U.A.	Entlmt	U.A.	Entlmt	U.A.	Entlmt	U.A.	Entlmt	Share	U.A.	Entlmt	U.A.	Entlmt	U.A.	Entlmt	U.A.	Entlmt	Share	U.A.	Entlmt	U.A.	Entlmt	U.A.	Entlmt	U.A.	Entlmt
Chandigarh	1.19	0.75	1.94	0.75	1.94	0.90	2.09	1.05	2.24	0.75	0.52	1.27	0.52	1.27	0.62	1.37	0.73	1.48	0.61	0.35	0.96	0.35	0.96	0.42	1.03	0.49	1.10
Delhi	10.50	0.00	10.50	0.00	10.50	3.01	13.51	3.31	13.81	10.86	0.00	10.86	0.00	10.86	2.08	12.94	2.29	13.15	10.96	0.00	10.96	0.00	10.96	1.40	12.36	1.54	12.50
Haryana	5.73	2.56	8.29	2.86	8.59	2.41	8.14	2.41	8.14	5.88	1.77	7.65	1.97	7.85	1.67	7.55	1.66	7.54	4.94	1.19	6.13	1.34	6.28	1.12	6.06	1.12	6.06
H.P.	3.58	0.00	3.58	0.00	3.58	0.00	3.58	0.00	3.58	3.32	0.00	3.32	0.00	3.32	0.00	3.32	0.00	3.32	3.01	0.00	3.01	0.00	3.01	0.00	3.01	0.00	3.01
J & K	6.92	2.25	9.17	1.80	8.72	1.35	8.27	1.35	8.27	6.64	1.56	8.20	1.25	7.89	0.94	7.58	0.94	7.58	6.75	1.06	7.81	0.84	7.59	0.63	7.38	0.63	7.38
Punjab	11.69	2.71	14.40	2.86	14.55	1.35	13.04	0.90	12.59	12.52	1.87	14.39	1.98	14.50	0.94	13.46	0.62	13.14	15.90	1.26	17.16	1.33	17.23	0.63	16.53	0.42	16.32
Rajasthan	19.81	3.01	22.82	3.01	22.82	2.41	22.22	2.41	22.22	9.20	2.08	11.28	2.08	11.28	1.66	10.86	1.66	10.86	9.28	1.40	10.68	1.40	10.68	1.13	10.41	1.12	10.40
U.P.	21.75	3.76	25.51	3.31	25.06	3.16	24.91	3.16	24.91	32.06	2.60	34.66	2.29	34.35	2.18	34.24	2.19	34.25	29.60	1.75	31.35	1.54	31.14	1.47	31.07	1.48	31.08
Uttarakhand	3.79	0.00	3.79	0.45	4.24	0.45	4.24	0.45	4.24	3.84	0.00	3.84	0.31	4.15	0.31	4.15	0.31	4.15	3.41	0.00	3.41	0.21	3.62	0.21	3.62	0.21	3.62
Railways	0	0	0	0	0	0	0	0	0	0	4.53	4.53	4.53	4.53	4.53	4.53	4.53	4.53	0	8.43	8.43	8.43	8.43	8.43	8.43	8.43	8.43
HVDC_Rihand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HVDC Dadri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	84.96	15.04	100.00	15.04	100.00	15.04	100.00	15.04	100.00	85.07	14.93	100.00	14.93	100.00	14.93	100.00	14.93	100.00	84.46	15.54	100.00	15.54	100.00	15.54	100.00	15.54	100.00

PERCENTAGE SHARES AND ENTITLEMENTS OF NORTHERN REGION UTILITIES IN VARIOUS CENTRAL SECTOR GENERATING STATIONS

NPC, NJ-HEP, Tehri and NHPC stations
and Unchahar-III NTPC station

(All figures in %)

State/UT	NAPS (440 MW)									RAPS-B # 3 & 4 (440 MW)									UNCHAHAR-III (210 MW) \$																				
	Share	00-06 & 23-24			06-10			10-18			18-23			Share	00-06 & 23-24			06-10			10-18			18-23			Share	00-06 & 23-24			06-10			10-18			18-23		
		U.A.	Entlmt		U.A.	Entlmt		U.A.	Entlmt		U.A.	Entlmt			U.A.	Entlmt		U.A.	Entlmt		U.A.	Entlmt		U.A.	Entlmt			U.A.	Entlmt		U.A.	Entlmt		U.A.	Entlmt				
Chandigarh	1.14	0.73	1.87	0.73	1.87	0.87	2.01	1.02	2.16	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	0.00	0.48	0.74	1.22	0.74	1.22	0.89	1.37	1.03	1.51						
Delhi	10.68	0.00	10.68	0.00	10.68	2.91	13.59	3.20	13.88	0.00	0.00	0.00	0.00	0.00	2.50	2.50	3.18	3.18	13.81	0.00	13.81	0.00	13.81	2.95	16.76	3.25	17.06	2.95	16.76	3.25	17.06								
Haryana	6.36	2.47	8.83	2.76	9.12	2.33	8.69	2.33	8.69	10.91	2.50	13.41	0.00	10.91	2.50	13.41	0.00	10.91	5.71	2.51	8.22	2.80	8.51	2.36	8.07	2.36	8.07	2.80	8.51	2.36	8.07								
H.P.	3.18	0.00	3.18	0.00	3.18	0.00	3.18	0.00	3.18	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.81	0.00	3.81	0.00	3.81	0.00	3.81	0.00	3.81	0.00	3.81	0.00	3.81								
J & K	7.50	2.18	9.68	1.75	9.25	1.31	8.81	1.31	8.81	7.95	0.00	7.95	0.00	7.95	0.00	7.95	0.00	7.95	6.19	2.21	8.40	1.77	7.96	1.33	7.52	1.33	7.52	1.77	7.96	1.33	7.52								
Punjab	11.59	2.62	14.21	2.76	14.35	1.31	12.90	0.87	12.46	22.73	3.18	25.91	3.18	25.91	0.00	22.73	0.00	22.73	8.1	2.66	10.76	2.80	10.90	1.33	9.43	0.89	8.99	2.80	10.90	1.33	9.43								
Rajasthan	10.00	2.91	12.91	2.91	12.91	2.33	12.33	2.33	12.33	28.41	5.91	34.32	8.41	36.82	7.50	35.91	8.41	36.82	10.95	2.95	13.90	2.96	13.91	2.36	13.31	2.36	13.31	2.96	13.91	2.36	13.31								
U.P.	31.30	3.64	34.94	3.20	34.50	3.05	34.35	3.05	34.35	15.00	3.41	18.41	3.41	18.41	2.50	17.50	3.41	18.41	30	3.69	33.69	3.25	33.25	3.10	33.10	3.10	33.10	3.25	33.25	3.10	33.10								
Uttarakhand	3.70	0.00	3.70	0.44	4.14	0.44	4.14	0.44	4.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.19	0.00	6.19	0.44	6.63	0.44	6.63	0.44	6.63	0.44	6.63	0.44	6.63								
Total	85.45	14.55	100.00	14.55	100.00	14.55	100.00	14.55	100.00	85.00	15.00	100.00	15.00	100.00	15.00	100.00	15.00	100.00	85.24	14.76	100.00	14.76	100.00	14.76	100.00	14.76	100.00	14.76	100.00	14.76	100.00								

State/UT	Nathpa-Jhakri (1500 MW)									Tehri-I (1000 MW) \$									DULHASTI (390 MW)																				
	Share	00-06 & 23-24			06-10			10-18			18-23			Share	00-06 & 23-24			06-10			10-18			18-23			Share	00-06 & 23-24			06-10			10-18			18-23		
		U.A.	Entlmt		U.A.	Entlmt		U.A.	Entlmt		U.A.	Entlmt			U.A.	Entlmt		U.A.	Entlmt		U.A.	Entlmt		U.A.	Entlmt			U.A.	Entlmt		U.A.	Entlmt		U.A.	Entlmt				
Chandigarh	0.53	0.50	1.03	0.50	1.03	0.60	1.13	0.70	1.23	0.60	0.50	1.10	0.50	1.10	0.59	1.19	0.69	1.29	0.47	0.75	1.22	0.75	1.22	0.90	1.37	1.05	1.52	0.90	1.37	1.05	1.52								
Delhi	9.47	0.00	9.47	0.00	9.47	1.99	11.46	2.18	11.65	10.30	0.00	10.30	0.00	10.30	1.98	12.28	2.18	12.48	12.83	0.00	12.83	0.00	12.83	3.00	15.83	3.30	16.13	3.00	15.83	3.30	16.13								
Haryana	4.27	1.69	5.96	1.89	6.16	1.59	5.86	1.59	5.86	4.30	1.68	5.98	1.88	6.18	1.58	5.88	1.58	5.88	5.47	2.55	8.02	2.85	8.32	2.40	7.87	2.40	7.87	2.85	8.32	2.40	7.87								
H.P.	36.47	0.00	36.47	0.00	36.47	0.00	36.47	0.00	36.47	2.80	0.00	2.80	0.00	2.80	0.00	2.80	0.00	2.80	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								
J & K	7.00	1.49	8.49	1.19	8.19	0.89	7.89	0.89	7.89	4.80	1.49	6.29	1.19	5.99	0.89	5.69	0.89	5.69	21.15	2.25	23.40	1.80	22.95	1.35	22.50	1.35	22.50	1.80	22.95	1.35	22.50								
Punjab	10.13	1.79	11.92	1.89	12.02	0.89	11.02	0.60	10.73	7.70	1.78	9.48	1.88	9.58	0.89	8.59	0.60	8.30	8.28	2.70	10.98	2.85	11.13	1.35	9.63	0.90	9.18	2.70	10.98	2.85	11.13								
Rajasthan	7.47	1.98	9.45	1.98	9.45	1.58	9.05	1.59	9.06	7.50	1.98	9.48	1.98	9.48	1.59	9.09	1.58	9.08	10.88	3.00	13.88	3.00	13.88	2.40	13.28	2.40	13.28	3.00	13.88	2.40	13.28								
U.P.	14.73	2.48	17.21	2.18	16.91	2.09	16.82	2.08	16.81	37.40	2.47	39.87	2.17	39.57	2.08	39.48	2.08	39.48	21.81	3.75	25.56	3.30	25.11	3.15	24.96	3.15	24.96	3.30	25.11	3.15	24.96								
Uttarakhand	0.00	0.00	0.00	0.30	0.30	0.30	0.30	0.30	0.30	14.70	0.00	14.70	0.30	15.00	0.30	15.00	0.30	15.00	4.11	0.00	4.11	0.45	4.56	0.45	4.56	0.45	4.56	0.45	4.56	0.45	4.56								
Total	90.07	9.93	100.00	9.93	100.00	9.93	100.00	9.93	100.00	90.10	9.90	100.00	9.90	100.00	9.90	100.00	9.90	100.00	85.00	15.00	100.00	15.00	100.00	15.00	100.00	15.00	100.00	15.00	100.00	15.00	100.00								

\$ Applicable from COD COD of Tehri Unit # 4 is 22-09-06

State/UT	Dhauliganga(280 MW)									CHAMERA-II (300 MW)									B. SIUL 180 MW	SALAL 690 MW	T.PUR 94 MW	CHAM-I 540 MW	URI 480 MW								
	Share	00-06 & 23-24			06-10			10-18			18-23			Share	00-06 & 23-24			06-10						10-18			18-23				
		U.A.	Entlmt		U.A.	Entlmt		U.A.	Entlmt		U.A.	Entlmt			U.A.	Entlmt		U.A.						Entlmt		U.A.	Entlmt		U.A.	Entlmt	
Chandigarh	0.72	0.75	1.47	0.75	1.47	0.90	1.62	1.05	1.77	0.67	0.90	1.57	0.90	1.57	1.08	1.75	1.26	1.93	0.00	0.27	1.28	3.90	0.62								
Delhi	13.21	0.00	13.21	0.00	13.21	3.00	16.21	3.30	16.51	13.33	0.00	13.33	0.00	13.33	3.60	16.93	3.96	17.29	11.00	11.62	12.81	7.90	11.04								
Haryana	5.71	2.55	8.26	2.85	8.56	2.40	8.11	2.40	8.11	5.67	3.06	8.73	3.42	9.09	2.88	8.55	2.88	8.55	30.50	15.02	6.40	15.80	5.42								
H.P.	3.57	0.00	3.57	0.00	3.57	0.00	3.57	0.00	3.57	15.67	0.00	15.67	0.00	15.67	0.00	15.67	0.00	15.67	12.00	0.99	3.84	14.90	2.71								
J & K	6.07	2.25	8.32	1.80	7.87	1.35	7.42	1.35	7.42	6.33	2.70	9.03	2.16	8.49	1.62	7.95	1.62	7.95	0.00	34.39	7.68	3.90	33.96								
Punjab	10.00	2.70	12.70	2.85	12.85	1.35	11.35	0.90	10.90	10.00	3.24	13.24	3.42	13.42	1.62	11.62	1.08	11.08	46.50	26.60	17.93	10.20	13.75								
Rajasthan	9.65	3.00	12.65	3.00	12.65	2.40	12.05	2.40	12.05	9.67	3.60	13.27	3.60	13.27	2.88	12.55	2.88	12.55	0.00	2.95	11.53	19.60	8.96								
U.P.	20.00	3.75	23.75	3.30	23.30	3.15	23.15	3.15	23.15	20.66	4.50	25.16	3.96	24.62	3.78	24.44	3.78	24.44	0.00	6.95	22.64	20.27	20.06								
Uttarakhand	16.07	0.00	16.07	0.45	16.52	0.45	16.52	0.45	16.52	0.00	0.00	0.00	0.54	0.54	0.54	0.54	0.54	0.54	0.00	1.21	15.89	3.53	3.48								
Total	85.00	15.00	100.00	15.00	100.00	15.00	100.00	15.00	100.00	82.00	18.00	100.00	18.00	100.00	18.00	100.00	18.00	100.00	100.00	100.00	100.00	100.00	100.00								

Note: Baira suil, Salal, Tanakpur, Chamera-I and Uri NHPC stations does not have Unallocated quota of power

1st 2008 (1/4) Ed + (1/4) Ed + (1/4) Ed + (1/4) Ed

FREQUENCY ANALYSIS FOR THE MONTH OF APRIL, 2008

Date	Frequency(Hz.)			%age TimeSystem Frequency in frequency bands							
	Max	Min	Avg.	No. of times frq.touched 48.6	No of times frq.went below48.8	Below 48.5	48.8 and49	49.0 and 49.5	49.5 and 49.8	50.2 and50	50.5 and 51
1	50.28	48.79	49.52	0.00	2.00	0.00	2.57	45.15	35.99	0.28	0.00
2	50.29	48.81	49.43	0.00	0.00	0.00	6.73	49.45	31.62	0.35	0.00
3	50.32	48.95	49.65	0.00	0.00	0.00	0.21	34.88	31.35	1.87	0.00
4	50.36	48.96	49.87	0.00	0.00	0.00	0.07	2.43	33.77	3.54	0.00
5	50.48	48.97	49.96	0.00	0.00	0.00	0.14	2.70	19.07	13.59	0.00
6	50.50	48.80	49.93	0.00	2.00	0.00	0.55	6.52	18.93	14.98	0.00
7	50.15	48.80	49.56	0.00	0.00	0.00	0.90	40.57	39.94	0.00	0.00
8	50.00	48.68	49.29	0.00	22.00	0.00	14.22	60.26	18.65	0.00	0.00
9	50.00	48.69	49.12	0.00	36.00	0.00	27.53	66.50	3.68	0.00	0.00
10	49.74	48.71	49.11	0.00	29.00	0.00	29.13	65.33	3.95	0.00	0.00
11	49.85	48.71	49.12	0.00	35.00	0.00	30.51	61.37	5.34	0.00	0.00
12	49.94	48.69	49.32	0.00	3.00	0.00	6.59	73.09	18.79	0.00	0.00
13	50.45	48.81	49.47	0.00	0.00	0.00	2.77	56.17	29.26	2.08	0.00
14	49.96	48.79	49.31	0.00	4.00	0.00	10.33	69.90	18.03	0.00	0.00
15	49.88	48.69	49.15	0.00	27.00	0.00	24.69	65.88	6.24	0.00	0.00
16	49.56	48.63	49.05	0.00	64.00	0.00	34.67	60.54	0.42	0.00	0.00
17	49.79	48.60	49.01	0.00	85.00	0.00	41.40	46.95	1.18	0.00	0.00
18	49.55	48.62	49.00	0.00	91.00	0.00	40.78	49.17	0.28	0.00	0.00
19	49.73	48.60	49.02	0.00	79.00	0.00	40.43	49.03	1.60	0.00	0.00
20	50.30	48.61	49.15	0.00	58.00	0.00	29.33	49.38	9.85	0.21	0.00
21	49.90	48.61	49.09	0.00	49.00	0.00	30.10	62.14	2.29	0.00	0.00
22	49.72	48.59	49.00	4.00	71.00	0.00	42.30	44.73	0.97	0.00	0.00
23	49.57	48.58	48.89	16.00	117.00	0.00	43.20	23.30	0.62	0.00	0.00
24	49.71	48.56	48.92	20.00	110.00	0.00	35.44	30.31	1.73	0.00	0.00
25	49.45	48.58	48.86	28.00	122.00	0.00	43.13	18.24	0.00	0.00	0.00
26	49.47	48.47	48.87	46.00	125.00	0.14	42.86	21.01	0.00	0.00	0.00
27	50.00	48.40	49.11	6.00	49.00	0.28	25.73	55.55	6.31	0.00	0.00
28	49.72	48.39	48.95	24.00	81.00	0.42	40.57	36.69	2.01	0.00	0.00
29	49.58	48.51	48.88	62.00	108.00	0.00	40.36	22.68	0.14	0.00	0.00
30	49.80	48.42	48.90	46.00	92.00	0.42	28.28	27.67	0.90	0.00	0.00
	50.50	48.39	49.22	252.00	1461.00	0.04	24.18	43.25	11.43	1.23	0.00

VOLTAGE ANALYSIS

+ [EaÉ "ÉÉ½,2008]Ea nÉÉÉÉ 400 ÉEo. ÉÉa +ÉÉu 220 ÉEo. ÉÉa +ÉÉa Éa +ÉÉoÉÉÉ É +ÉÉuÉÉÉÉÉ É nÉÉÉÉÉÉÉÉ ÉÉÉÉ ÉÉa ÉÉa

MAXIMUM AND MINIMUM VOLTAGES RECORDED AT 400KV & 220 KV BUSES DURING THE MONTH OF APRIL 2008

(All figures in KV) (ÉÉÉÉÉ +ÉÉoÉÉÉÉÉ ÉÉa ÉÉa)

ÉÉÉÉÉ DATE	400 ÉEo. ÉÉa nÉÉÉÉÉ (ÉÉu) AT 400KV DADRI		400 ÉEo. ÉÉa ÉÉÉÉÉ (ÉÉu) AT 400KV KANPUR		220 ÉEo. ÉÉa ÉÉÉÉÉ (ÉÉu) AT 220KV BTPS		400 ÉEo. ÉÉa ÉÉÉÉÉ (ÉÉu) AT 400KV MOGA	
	+ÉÉÉÉÉÉÉ MAXIMUM	ÉÉÉÉÉÉÉ MINIMUM	+ÉÉÉÉÉÉÉ MAXIMUM	ÉÉÉÉÉÉÉ MINIMUM	+ÉÉÉÉÉÉÉ MAXIMUM	ÉÉÉÉÉÉÉ MINIMUM	+ÉÉÉÉÉÉÉ MAXIMUM	ÉÉÉÉÉÉÉ MINIMUM
1	420	401	419	398	225	215	419	396
2	421	397	418	397	223	214	416	396
3	430	400	420	396	229	214	420	397
4	423	407	423	400	224	217	419	397
5	425	402	424	403	227	218	422	397
6	429	400	420	399	227	216	424	390
7	421	396	421	393	224	216	416	392
8	420	404	420	404	223	217	418	365
9	421	401	419	399	223	216	418	396
10	418	403	420	403	221	215	420	398
11	418	400	417	398	221	215	422	393
12	419	400	416	400	222	215	420	396
13	423	405	421	400	223	215	421	399
14	416	401	416	397	220	214	417	394
15	417	396	417	400	222	212	424	399
16	416	399	418	402	220	211	425	399
17	422	401	420	402	222	215	419	400
18	421	403	420	402	222	216	420	396
19	421	401	422	400	222	215	418	395
20	418	399	418	400	220	215	415	392
21	418	399	418	400	220	215	415	392
22	417	402	416	401	220	214	416	389
23	419	401	421	401	222	214	415	390
24	417	401	416	402	221	214	414	391
25	420	402	418	403	222	213	415	390
26	417	402	420	405	221	214	417	390
27	419	403	420	398	222	215	414	392
28	417	392	417	396	222	213	419	391
29	415	399	416	398	221	213	414	391
30	416	389	416	395	222	211	416	389
31	*	*	*	*	*	*	*	*
Max	430	407	424	405	229	218	425	400
Min	415	389	416	393	220	211	414	365

DETAILS OF UFRs FOR LOAD SHEDDING IN THE NORTHERN REGION AS ON 30.04.08

A. df/dt RELAYING SCHEME (As recommended by NREB)

STATE / UT / SYSTEM	Setting(Hz/s) and load relief (MW) through df/dt relays to be initiated at			STATE / UT / SYSTEM
	49.9 Hz/0.1 Hz/sec.(1st.Stg.)	49.9Hz/0.2 Hz/sec.(2nd.Stg.)	49.9Hz/0.3 Hz/sec.(3rd. Stg.)	
	Load Relief	Load Relief	Load Relief	
Chandigarh	0	50	50	Chandigarh
Delhi	250	280	280	Delhi
Haryana	280	310	310	Haryana
HP	50	70	70	HP
J&K	90	90	90	J&K
Punjab	430	490	490	Punjab
Rajasthan	330	370	370	Rajasthan
UP	500	280	280	UP
Uttarakhand	70	70	70	Uttarakhand
Total	2000	2010	2010	Total

df/dt: Total in western UP=810

df/dt: Total in Punjab,Haryana,HP ,J&K,Chandigarh=2870

B. FLAT UFRs SCHEME

STATE	Flat UFRs			TOTAL
	48.8 Hz	48.6 Hz	48.2 Hz	
Chandigarh	0	10	0	10
Delhi	110	140	150	400
Haryana	110	140	150	400
HP	20	20	75	115
J&K	40	50	75	165
Punjab	180	220	250	650
Rajasthan	120	150	225	495
UP	190	240	275	705
Uttarakhand	30	30	50	110
Total	800	1000	1250	3050

30.04.2008

PROGRESS OF INSTALLATION OF SHUNT CAPACITORS(11 KV AND ABOVE) IN THE'NORTHERN REGION AS ON 30.04.2008

STATE / UT / SYSTEM	Requirement as per NRPC Studied	Installed as on 31.03.08	BBMB Capacitors approtioned	New Capacitors(MVAR) required during 2008-09	Capacitors installed during 2008-09 upto 30.04.08	Balance to be installed during 2008-09	Month by which this installation should complete	Defective capacitors.need revival during 2008-09	Capacitors revived till 30.04.08	Balance to be revived during 2008-09	STATE / UT / SYSTEM
Chandigarh	205	102	25	78	0	78	Aug.08	13	0	13	Chandigarh
Delhi	3875	3456	20	399	0	399	May08	348	0	348	Delhi
Haryana	4370	2773	195	1402	0	1402	July 08	297	0	297	Haryana
H.P.	650	514	0	136	0	136	July 08	51	0	51	H.P.
J & K	1320	147	0	1173	0	1173	Nov.08	15	0	15	J & K
Punjab	6450	5450	137	863	3	860	May08	559	0	559	Punjab
Rajasthan	4380	3732	0	648	25	623	Dec.08	373	0	373	Rajasthan
U.P.	7680	5812	0	1868	0	1868	Aug.08	581	0	581	U.P.
Uttaranchal	500	353	0	147	0	147	May08	35	0	35	Uttaranchal
TOTAL	29430	22339	377	6714	28	6686		2272	0	2272	TOTAL

Hissar (Mayyar)-Isharwal		D/C	90	22	0	48	151	144	135	70	Apr'08	June'08	
Sl. No	Generating Plant / Associated Transmission Scheme	No. of Circuits	Total Length (CKm)	String.Compl. upto March 08 (CKm)	Programme for 2008-09 CKm	Stringing April 2008 onwards Ckm	TL (Nos.)	Stubs (Nos.)	TE (Nos.)	Stringing Completed Ckm	Target		Remarks
											Original	Revised	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	LILO Narwana-Fatehabad & Fatehabad-Sirsa at Fatehabad (PG)	D/C	5	0	0	0	10	10	2		Dec'07	June'08	
	Kirori (400 kV)-Hansi	D/C	80	0	0	0					June'09		
	Cheeka-Durala	D/C	106	0	106	0	154	154	94		Nov'08		
	LILo one ckt Shahbad-Pehova at Durala	D/C	6	0	6	0	12	12			Nov'08		
	<u>PUNJAB (PSEB) :</u>												
	GHTP-Himatpura D/C	D/C	70	0	18	0					Dec.07	Sept.08	
	GNDTP-Muktsar (2nd ckt)	S/ConD/C	53	50	0	0	157	156	156	50	May.07	June.08	Forest clearance awaited
	LILo of Patti-Verpal at Tarn-Taran	S/C	20	0	0	0				0	Mar.06	Mar.09	
	Ranjit Sagar Dam – Sarna (ckt.4)	D/C	30	30	0	0	Tower Existing			30	Jun'05	Jun'08	Strg. Comp.hill cutting work in progress
	Khasa–Amritsar at Balachak(PGCIL)	D/C	44	10	0	10	72	72	63	20	Jun'05	Jun'08	
	LILo of Malerkotla – Lalton Kalan S/C at Pakhowal	D/C	2	0	0	0	5				Mar-06	Dec'08	Matching with Pakhowal S/S
	LILo of Mohali-I–Dera Bassi at Mohali-II	D/C	1	0	0	0	9	5			Mar-07	Jun'08	work in progress
	LILo of Gobindgarh-I -Gobindgarh-II at Amloh Road	D/C	2	0	0	2	5	5	5	2	Mar-07	May-08	work near completion
	Humbran–FZR Rd Ludhiana	D/C	30	0	0	0					Mar-07	Aug08	Tower design modification
	Phagan Majra (400 kV) -F.P.Nabha	D/C	46	2	0	0	108			2	Mar-08	Oct-08	Re-tendering in process
	Mohali-Dera Bassi (2nd ckt stringing)	S/C onD/C	28	28	0	0	Existing			28	Jun-07	May08	work in progress
	LILo of one circuit of GGSSTP – Mohali-I at Kharar	D/C	10	0	0	0					Dec-07	Dec-08	
	Nalagarh-Mohali -I	D/C	107	21	0	0	187	95	92	21	Jul-07	Jun'08	
	LILo of one ckt. of Moga-Mukatsar DC at Sadiq	D/C	50	0	50	0					Mar-09		
	Moga (400 KV) - Baghapurana	D/C	36	0	36	0	36				Mar-09		
	Mukatsar- Malout SC on DC	S/C	32	0	0	0	32				Mar-09		
	<u>Rajasthan</u>												
	Giral TPS-Barmer 2nd S/C	S/C	32	0	27	0	96				Mar-07	Aug.08	
	Giral TPS-Balotra S/C	S/C	100	0	100	0					Mar-09		
	Barsinghsar -Khinvsar S/C	S/C	100	0	0	31	31				Mar-08	Jun'08	
	LILo Bhilwara-Kankroli at Kankroli(PG)	S/C	9.5	9.5	0	0	16	16	16	9.5	Mar-08	May-08	
	LILo Kota-Bhilwara at Kota (PG)	D/C	4	0	4	0					Mar-08	Jun'08	
	Chhabra TPS-Jhalawar S/C	S/C	100	0	100	0	317	4			Sept-08		
	LILo Bhilwara-Pali at Bhilwara (400kv)	D/C	10	0	10	0					Sept-08		
	Hindaun(400kv)-Hidaun(220kv)	D/C	15	0	15	0	28	28	17	0	Sept-08		
	Hindaun(400kv)-Mandawar	D/C	65	0	65	0					Sept-08		
	Chhabra -Baran-Dahra	D/C	135		135	0	405				Sept-08		

Sl. No	Generating Plant / Associated Transmission Scheme	No. of Circuits	Total Length (CKm)	String.Compl. upto March 08 (CKm)	Programme for 2008-09 CKm	Stringing April 2008 onwards Ckm	TL (Nos.)	Stubs (Nos.)	TE (Nos.)	Stringing Completed Ckm	Target		Remarks	
											Original	Revised		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
	LILO Bikaner-Sridungargarh at Bikaner (400 kV) D/C	D/C	20	0	20	0					Oct-08			
	LILO Bikaner-Nagaur at Bikaner (400 kV) D/C	D/C	20	0	20	0					Oct-08			
	STPS-Bhadra S/C	S/C	114	0	114	3	352	342	291	3	Oct-08			
	Opening of one ckt of Heerapura-Bassi line and connecting Sanganer & Phulera	S/C	59	59	0	0	191	191	191	59		May-08		
	LILO of Jaipur – Kota at Duni	D/C	6	0	0	0	8	8	2	0	Mar-08	Jun'08		
	Bhiwadi(PGCIL)-Neemrana	S/C	60	26	0	3	184	174	169	29	Mar-08	Jun'08		
	Kankroli (PG)-Debari	S/C	70	0	0	0	215	100	2	0	Mar-08	Sept08		
	LILO one ckt Bassi-Heerapura at Jagatpura	D/C	22	0	22	0	42				Mar-09	Dec-08		
	LILO Heerapura-Kukas at VKIA	D/C	2	0	2	0	7	5	0	0	July'08			
	LILO Bhiwadi-Neemrana a tKhush khi	D/C	8	0	8	0	18	18	14	0	Dec-08			
	LILO Alwar-Bhiwadi at Khushkhi	D/C	5	0	5	0	19	10	0	0	Dec-08			
	<u>UTTAR PRADESH (UPPCL) :</u>													
	Matore(PG)-Nehtaur	S/C	73	0	0	0	211	194	141		Dec-07	Jun'08		
	Nanauta-Muzaffarnagar	S/C	65	0	15	0					Apr-08	March-09	Work to be started	
	Muzaffarnagar-Shamli	S/C	65	0	15	0	169	7			Mar-08	Dec-08		
	LILO of Saharanpur-Shamli at Nanouta	D/C	6	0	0	0	11	7			Apr-08	March-09		
	Metore(Meerut) (PG)-Gajraula	S/C	87	0	37	0	253	212	165		Apr-08	Jun'08		
	Loni-Muradnagar(400 kV S/S)	D/C	27	0	4	0	112	50			Mar-08	Jun'08		
	LILO of Khurja-Muradnagar at Dadri	D/C	23	0	0	0	45	13			Mar-08	Sept08		
	LILO of Khurja-Muradnagar at Sikandrabad	D/C	38	17	21	0	66	54	43	17	Jun'08	Sept08		
	LILO of Sarojininagar-Chinhat at Gomtinagar	D/C	6	0	6	0	22				Jun'08		Survey Completed	
	<u>UTTARAKHAND (PTCUL)</u>													
	Rishikesh-Maneribali Stage-II (3rd ckt.)	S/C	110	46	0	0	230	166	165	46		June'08	Final Forest clearance awaited	
	LILO of Maneri I-Rishikesh at Maneri -II	D/C	4	4	0	0	6	6	6	4	Mar-07	May-08		
	Kashipur - Barheni	D/C	52	0	0	0	84	82	36		Dec-06	Apr-08		
	Barheni - Pantnagar	S/C	35	31	0	0	115	115	113	31	Dec-06	June'08		
	<u>JAMMU & KASHMIR (J&K) :</u>													
	Barn-Kishenpur	D/C	74.8	74.8	0	0	105	105	105	74.8	Mar-08	May-08		

COMMISSIONING SCHEDULE OF NEW GENERATION SCHEMES

Sl. No	Agency	Name of Power Station	Unit No.	Capacity(MW)	Schedule for Comm.
1	Haryana	Yamuna Nagar TPS	1to2	600	unit 1 on 13.11.07 2nd on 29.03.08
2	J&K(PDC)	Baglihar HPS	1 to 3	450	Sept. 08 onwards
3	Uttarakhand	Maneribhali HPS	1 to 4	304	All 4 units commissioned (unit 2,on15.03.08)
4	PSEB	GHTPP Stage-2	4	250	July 08
5	Rajasthan	Giral Lignite-II (Unit-2)	2	125	August 08
6	Rajasthan	Chhabra TPS	1	2x250	U#1- Oct-08 U# 2- Jan-09
7	Rajasthan	Kota- TPS	7	195	Nov-08
8	Rajasthan	Suratgarh TPS	6	250	Nov-08
9	Rajasthan	Barsingsar Lignite	1	2x125	U#1- Dec-08 U# 2- Jan-09
10	NPCIL	RAPS	5to6	440	#5 Oct-08 #6 May-09

NEW GENERATING UNITS / TRANS. LINES / SUB-STATIONS, COMMISSIONED DURING THE MONTH.

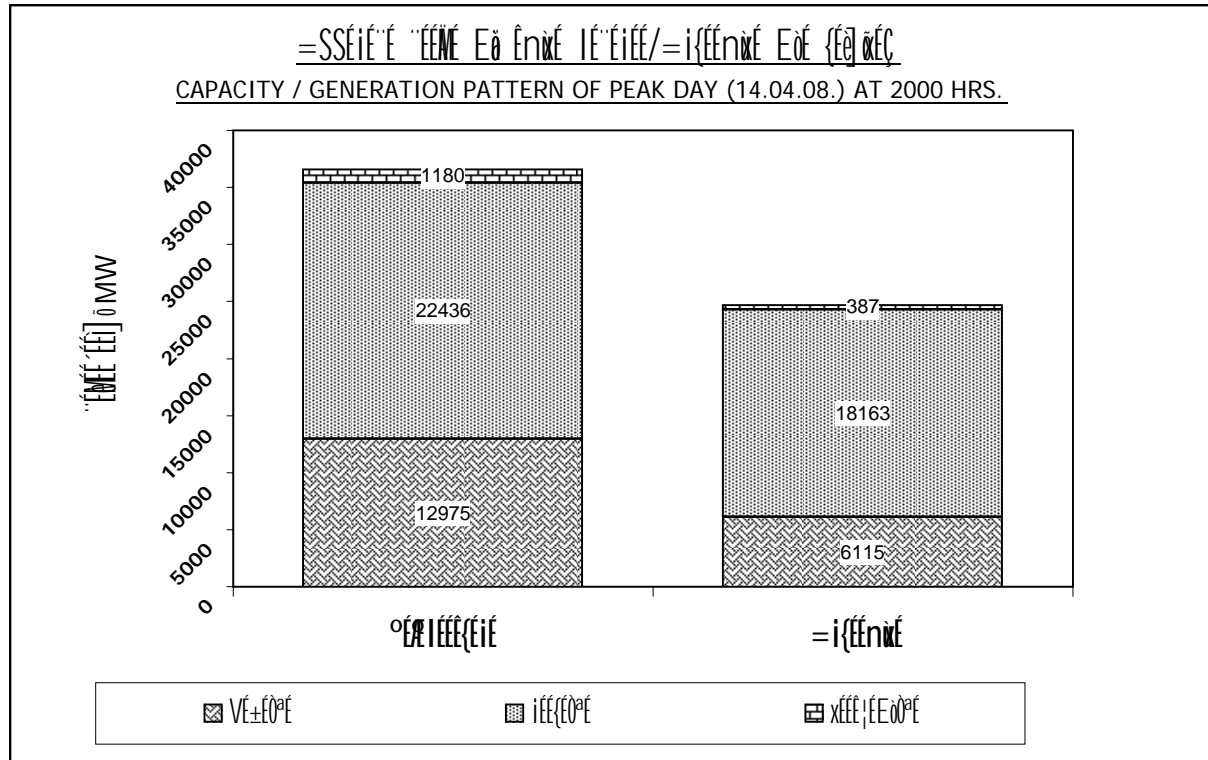
- A) Generating Units: NIL
- B) Transmission Lines: NIL
- C) Sub-Stations: NIL

+ [aef 2008 Eaf Eaf + hixit E Enit = kE@ Hgt Eaf Vef Eaf Eaf Eaf + Eaf Ca
HYDRAULIC DATA OF RESERVOIRS IN THE NORTHERN REGION
AS ON THE LAST DAY OF THE MONTH OF APRIL, 2008

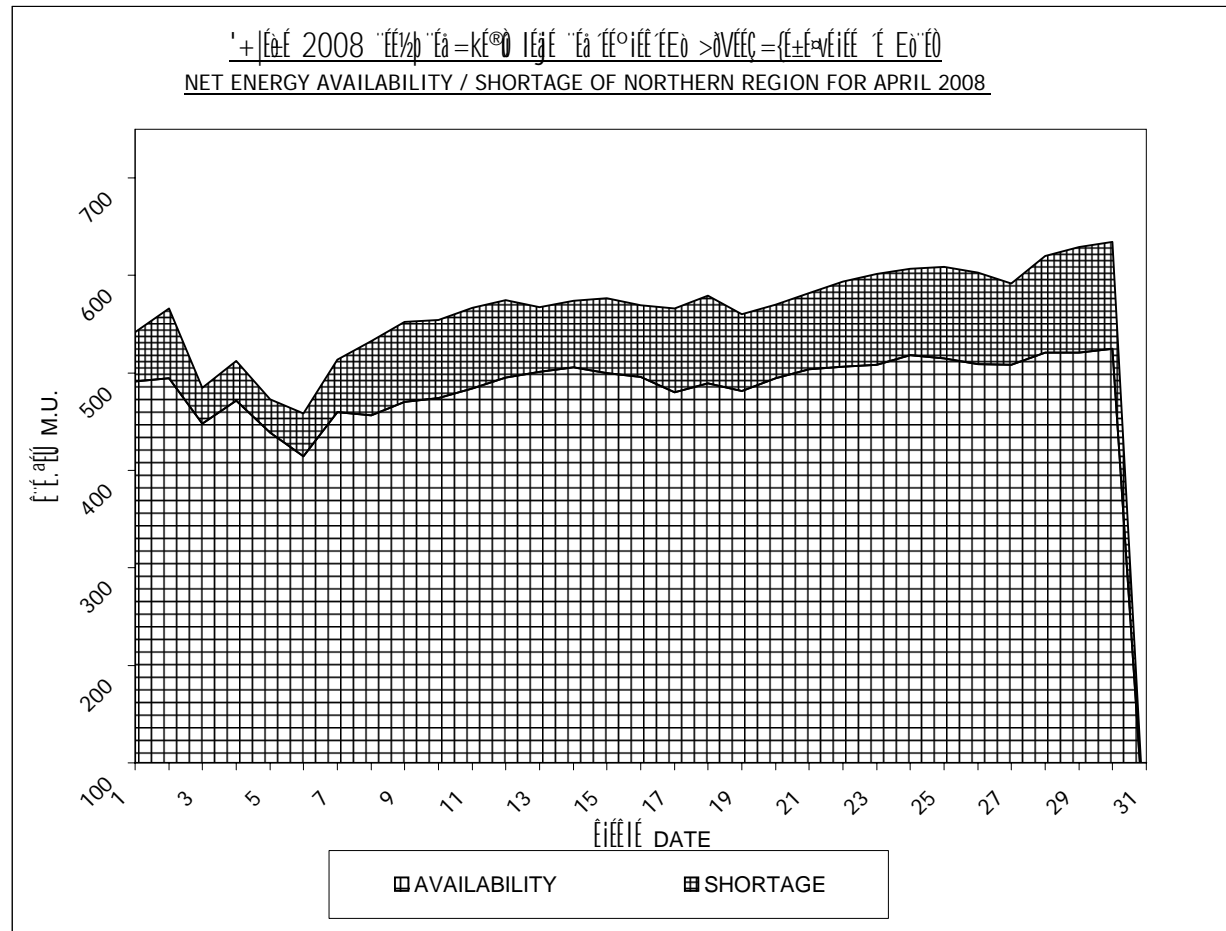
Enu	BHAKRA	PONG	RIHAND	R.P.Sagar	GANDHI SAGAR	ITEM
Full Reservoir Level (FRL) (m)	514.50	433.12	268.22	352.65	402.64	
Min. Draw Down Level (MDDL) (m)	445.62	384.05	252.98	342.90	381.00	
<hr/>						
Level as on last day of April. 2008 (m)	462.52	393.40	255.33	351.82	385.76	
Level as on last day of April. 2007 (m)	477.80	411.21	255.30	352.27	392.15	
Live capacity on last day of April. 2008 (mhmt)	0.10	0.09	0.07	0.14	0.08	
Live capacity on last day of April. 2007 (mhmt)	0.22	0.37	0.04	0.15	0.28	
Energy content on last day of April. 2008 (MU)	350.00	110.00	100.00	260.00	250.00	
Energy content on last day of April. 2007 (MU)	850.00	525.00	150.00	287.00	740.00	
Maximum level during April. 2008 (m)	463.59	394.17	256.12	351.82	387.13	
Maximum level during April. 2008 (Date)	01.04.08	21.04.08	01.04.08	30.04.08	01.04.08	
Minimum level during April. 2008 (m)	461.84	393.40	255.33	351.20	385.76	
Minimum level during April. 2008 (Date)	12.04.08	30.04.08	30.04.08	01.04.08	30.04.08	

Notes :

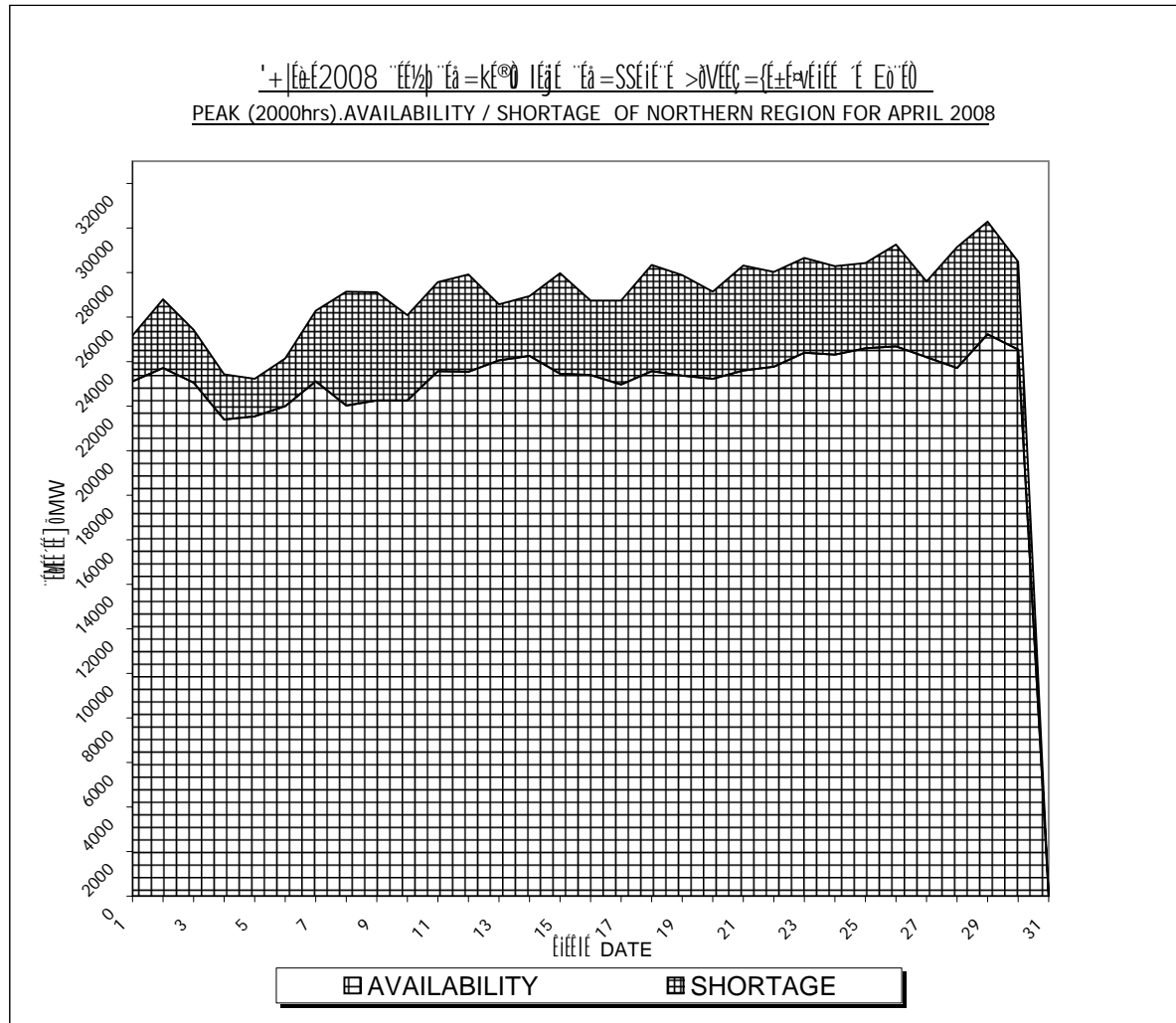
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|-----------------------------|--|
| Energy content of Bhakra : | Total energy content at Bhakra, Ganguwal and Kotla Power Stations. |
| Energy content of Rihand : | Total energy content at Rihand and Obra Power Stations. |
| Energy content of RPS : | Total energy content at Rana Pratap Sagar and Jawahar Sagar Power Stations. |
| Energy content of G.Sagar : | Total energy content at Gandhi Sagar, R. P. Sagar and Jawahar Sagar Power Stations |



DATE	AVAILABILITY	SHORTAGE
1	491.16	50.79
2	494.53	71.74
3	447.74	36.74
4	471.55	40.81
5	439.01	33.85
6	414.51	43.97
7	459.92	53.99
8	456.64	76.02
9	469.98	82.17
10	474.09	80.47
11	484.24	82.72
12	495.31	79.67
13	501.41	65.79
14	505.81	67.93
15	500.09	76.76
16	495.74	74.01
17	479.97	86.05
18	489.21	90.13
19	481.23	79.28
20	494.89	75.48
21	503.58	78.57
22	506.74	87.22
23	508.64	93.16
24	518.42	88.50
25	514.82	94.01
26	508.83	94.17
27	508.31	83.45
28	520.92	99.22
29	521.08	108.36
30	524.97	109.65
31	*	*

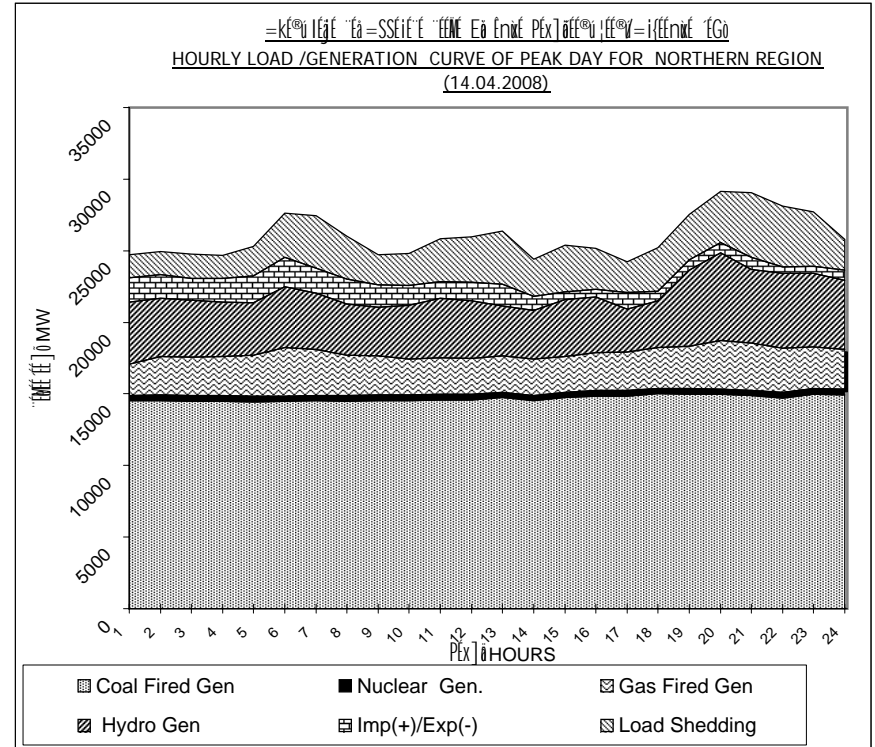


DATE	AVAILABILITY	SHORTAGE
1	23101	2073
2	23711	3083
3	23045	2387
4	21414	2025
5	21552	1667
6	22003	2137
7	23113	3185
8	22015	5116
9	22269	4843
10	22251	3845
11	23558	4022
12	23529	4394
13	24046	2530
14	24259	2691
15	23452	4514
16	23386	3367
17	22983	3761
18	23559	4794
19	23368	4516
20	23240	3903
21	23607	4718
22	23771	4260
23	24398	4269
24	24319	3959
25	24605	3815
26	24678	4579
27	24203	3393
28	23710	5447
29	25237	5037
30	24552	3921
31	*	*



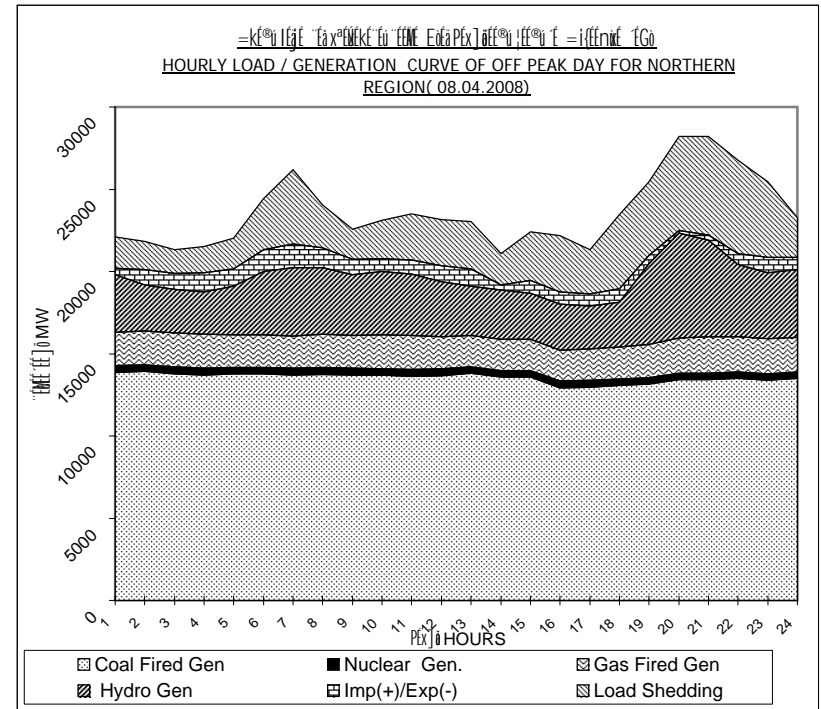
Northern Region

Hrs	Coal Fired Gen	Nuclear Gen.	Gas Fired Gen	Hydro Gen	Total Gen.	Imp(+)/Exp(-)	Demand Met	Load Shedding
1	14507	394	2158	4353	21412	1687	23099	1624
2	14545	398	2683	4048	21674	1671	23345	1608
3	14480	396	2707	3977	21560	1489	23049	1708
4	14472	400	2735	3804	21411	1655	23066	1601
5	14456	394	2843	3662	21355	1872	23227	2085
6	14461	398	3374	4248	22481	2043	24524	3080
7	14507	394	3209	3943	22053	1720	23773	3687
8	14502	389	2820	3552	21263	1748	23011	2994
9	14546	389	2737	3367	21039	1581	22620	2077
10	14532	390	2514	3743	21179	1374	22553	2239
11	14568	391	2560	4181	21700	1160	22860	2990
12	14568	391	2529	4033	21521	1271	22792	3162
13	14735	388	2521	3511	21155	1504	22659	3713
14	14515	389	2524	3394	20822	1004	21826	2586
15	14739	388	2487	3958	21572	570	22142	3240
16	14845	387	2661	3859	21752	561	22313	2875
17	14845	388	2708	2986	20927	1160	22087	2130
18	15002	390	2848	3265	21505	677	22182	3014
19	14979	386	2975	5303	23643	713	24356	3189
20	14963	387	3371	6115	24836	728	25564	3596
21	14867	388	3316	5121	23692	859	24551	4518
22	14721	388	3074	5236	23419	445	23864	4248
23	14972	389	2926	5158	23445	456	23901	3809
24	14936	391	2787	4821	22935	719	23654	2135



Northern Region

Hrs	Coal Fired Gen	Nuclear Gen.	Gas Fired Gen	Hydro Gen	Total Gen.	Imp(+)/Exp(-)	Demand Met	Load Shedding
1	13848	415	2033	3506	19802	408	20210	1874
2	13911	413	2056	2785	19165	937	20102	1708
3	13788	415	2062	2628	18893	989	19882	1438
4	13715	419	2062	2540	18736	1205	19941	1581
5	13759	409	1961	2961	19090	1074	20164	1874
6	13760	414	1966	3849	19989	1317	21306	3139
7	13715	415	1950	4161	20241	1436	21677	4522
8	13739	420	2039	4017	20215	1234	21449	2614
9	13712	412	1999	3669	19792	941	20733	1834
10	13696	409	2035	3875	20015	769	20784	2326
11	13621	408	2063	3761	19853	850	20703	2812
12	13670	405	1953	3360	19388	957	20345	2792
13	13803	403	1915	2999	19120	1026	20146	2875
14	13564	402	1909	2986	18861	309	19170	1923
15	13584	400	1882	2830	18696	747	19443	2970
16	12937	397	1887	2796	18017	738	18755	3439
17	12976	398	1907	2615	17896	741	18637	2671
18	13076	398	1927	2744	18145	803	18948	4520
19	13153	398	2017	4889	20457	498	20955	4506
20	13408	398	2163	6372	22341	153	22494	5721
21	13422	400	2228	5842	21892	337	22229	5985
22	13483	396	2159	4393	20431	673	21104	5681
23	13386	403	2122	4021	19932	912	20844	4603
24	13496	404	2104	4103	20107	748	20855	2409



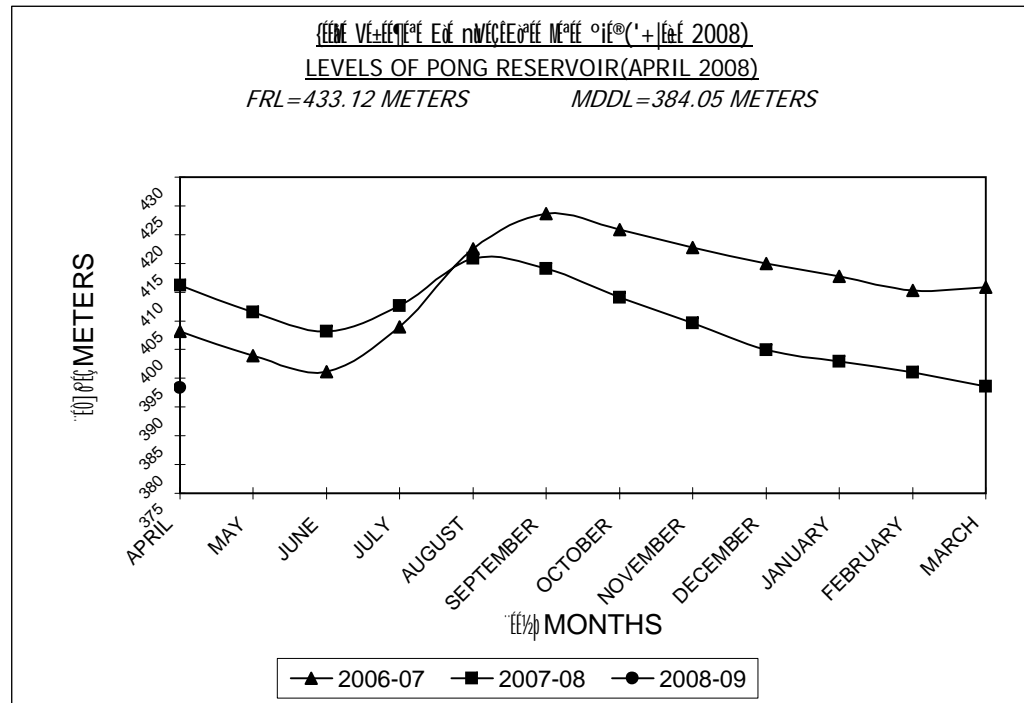
PONG

RESERVOIR LEVEL (METERS)

MONTH	2008-09	2007-08	2006-07
APRIL	393.4	411.21	403.16
MAY		406.53	398.96
JUNE		403.14	396.16
JULY		407.65	403.95
AUGUST		415.90	417.53
SEPTEMBER		414.08	423.63
OCTOBER		409.11	420.82
NOVEMBER		404.67	417.77
DECEMBER		399.97	414.99
JANUARY		397.95	412.77
FEBRUARY		396.02	410.32
MARCH		393.64	410.81

GENERATION (MU)

MONTH	2008-09	2007-08	2006-07
APRIL	25.39	77.19	53.64
MAY		215.81	154.96
JUNE		188.50	106.31
JULY		176.52	150.05
AUGUST		178.61	67.45
SEPTEMBER		220.41	81.44
OCTOBER		227.57	154.87
NOVEMBER		157.37	171.14
DECEMBER		139.99	151.96
JANUARY		65.01	104.66
FEBRUARY		59.28	114.81
MARCH		58.83	104.60

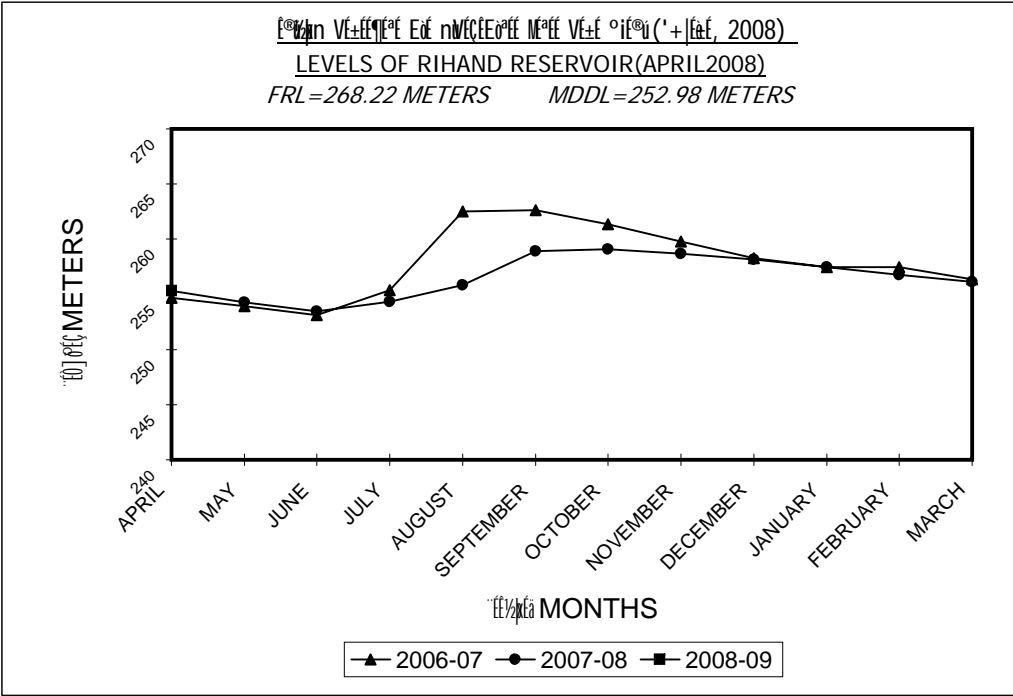


**RIHAND
RESERVOIR LEVEL (METERS)**

MONTH	2008-09	2007-08	2006-07
APRIL	255.33	255.3	254.69
MAY		254.29	253.90
JUNE		253.44	253.14
JULY		254.36	255.36
AUGUST		255.85	262.52
SEPTEMBER		258.90	262.62
OCTOBER		259.11	261.34
NOVEMBER		258.68	259.78
DECEMBER		258.17	258.26
JANUARY		257.46	257.46
FEBRUARY		256.79	257.46
MARCH		256.12	256.34

GENERATION (MU)

MONTH	2008-09	2007-08	2006-07
APRIL	26.39	36.17	48.31
MAY		32.59	21.10
JUNE		33.76	30.81
JULY		46.66	42.65
AUGUST		53.17	93.48
SEPTEMBER		18.70	100.23
OCTOBER		56.00	99.05
NOVEMBER		25.64	91.12
DECEMBER		23.20	70.26
JANUARY		31.36	35.76
FEBRUARY		27.93	17.80
MARCH		23.12	42.79

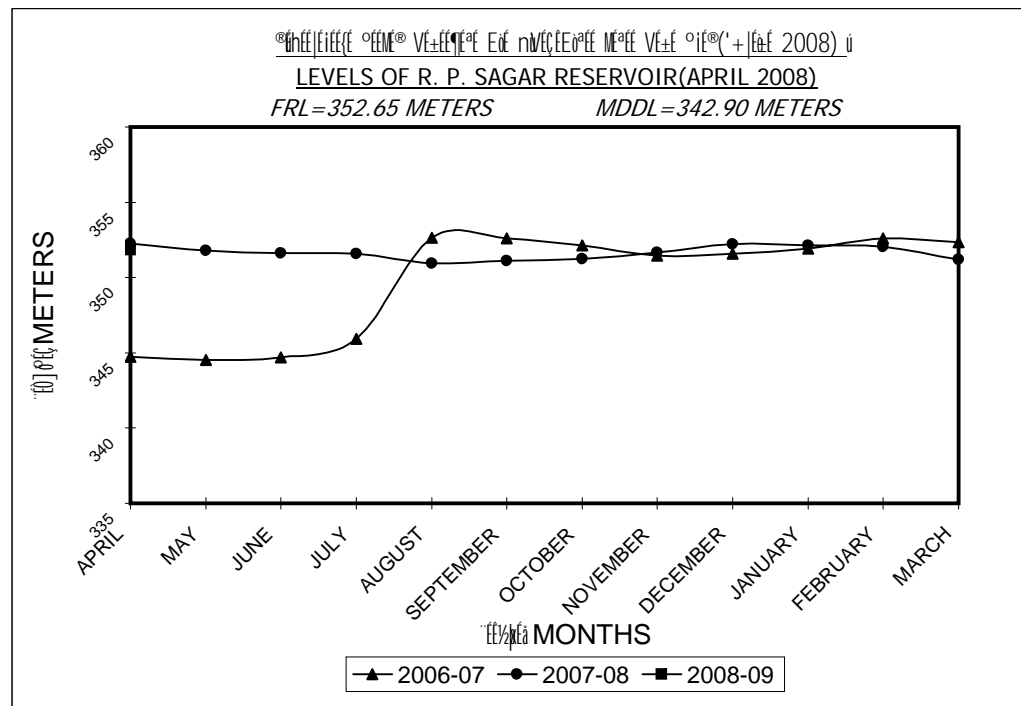


**R.P.SAGAR
RESERVOIR LEVEL (METERS)**

MONTH	2008-09	2007-08	2006-07
APRIL	351.82	352.27	344.72
MAY		351.79	344.54
JUNE		351.64	344.70
JULY		351.58	345.92
AUGUST		350.95	352.66
SEPTEMBER		351.10	352.59
OCTOBER		351.24	352.15
NOVEMBER		351.68	351.46
DECEMBER		352.24	351.57
JANUARY		352.14	351.91
FEBRUARY		352.07	352.59
MARCH		351.20	352.35

GENERATION (MU)

MONTH	2008-09	2007-08	2006-07
APRIL	13.81	21.11	2.50
MAY		29.12	0.06
JUNE		58.38	0.84
JULY		101.68	0.00
AUGUST		37.76	28.89
SEPTEMBER		49.24	80.34
OCTOBER		52.42	71.96
NOVEMBER		65.22	74.22
DECEMBER		63.84	74.22
JANUARY		71.66	75.20
FEBRUARY		65.79	50.85
MARCH		59.92	44.07



**GANDHI SAGAR
RESERVOIR LEVEL (METERS)**

MONTH	2008-09	2007-08	2006-07
APRIL	385.76	392.15	380.76
MAY		391.38	380.57
JUNE		389.81	380.57
JULY		389.76	382.92
AUGUST		396.30	399.27
SEPTEMBER		396.40	399.51
OCTOBER		395.44	398.77
NOVEMBER		393.95	397.87
DECEMBER		392.18	396.64
JANUARY		390.46	395.16
FEBRUARY		388.62	393.82
MARCH		387.14	392.73

GENERATION (MU)

MONTH	2008-09	2007-08	2006-07
APRIL	23.79	15.94	0.53
MAY		17.13	0.00
JUNE		39.79	0.00
JULY		39.60	1.20
AUGUST		41.07	33.03
SEPTEMBER		43.33	55.26
OCTOBER		53.62	54.74
NOVEMBER		65.53	53.92
DECEMBER		65.47	69.88
JANUARY		52.51	73.29
FEBRUARY		45.67	56.33
MARCH		27.35	33.95

