

## विषय वस्तु INDEX

क्रम सं. SR.NO	विषय CONTENTS	पृष्ठसं.PAGE NO.
1	उत्तर क्षेत्रीय विद्युत प्रणाली के मुख्य लक्षण Salient Features Of Northern Regional Power Grid	1
2	ग्राफ; संस्थापित क्षमता व उच्चतम उपलब्धता पर उत्पादन Graph; Installed Capacity & Generation at Peak Availability	2
3	ग्राफ , जलीय आँकड़े (महिने की आखरी तारीख को जल स्तर) , ग्रास उत्पादन Graph,Hydraulic data (Levels on the last day of the month) & Gross Energy Generation	3
4	विजली आपूर्ति की स्थिति :ऊर्जा की आवश्यकता, उपलब्धता तथा कमी, उच्चतम माँग, उपलब्धता Power Supply Position: Energy reqt., availability and shortage & Peak availability & reqt.	4
5	पिछले वर्ष की तुलना में उत्तरी क्षेत्र में चालू वर्ष की विद्युत आपूर्ति स्थिति Power Supply Position in Northern Region during the current year as compared to previous year	5
6	माह के दौरान पात्रता/ शिड्यूल / निकासी व_उर्जा विनिमय Entitlement/Schedule/ Drawal & Energy Exchanges for the month	6
7	उ.क्षे. में स्थित राज्यों/संघ शसित क्षेत्रों में आर्बिट्रिट संयुक्त व केन्द्रीय सेक्टर उपयोग्यों को समाहित करते हुए विद्युत उपयोग्यों की संस्थापित क्षमता (मेगावाट में) Installed capacity(in MW) of power utilities in the states/Uts located in NR including allocated shares in joint &central sector utilities	7
8	विद्युत स्टेशनों का उत्पादन Generation of Power Stations	8 to11
9	तापीय/नाभिकीय/गैसीय विद्युत स्टेशनों का पी.एल.एफ. P.L.F. of Thermal/ Nuclear/ Gas Power Stations.	12 to13
10	क्षेत्रीय उच्चतम माँग के समय जलीय, तापीय तथा नाभिकीय केन्द्रों से अंशदान Contribution from Hydro, Thermal, Nuclear Stations at the time of Regional Peak Demand.	14
11	क्षेत्र के उच्चतम माँग के दिन तथा न्यूनतम माँग के दिन का घन्टेवार भार/उत्पादन आँकड़े Hourly Load / Generation Data of Region for Peak Day And Off Peak Day.	15
12	अधिसूचित विद्युत की कटौति एवं प्रतिबन्ध Notified Power Cuts and Restrictions	16
13	केन्द्रीय सेक्टर के विद्युत केन्द्रों से ऊर्जा का आबंटन Allocation of Shares to Constituents in Central Sector	17
14	आवृत्ति विश्लेषण Frequency Analysis	18
15	वोल्टेज विश्लेषण Voltage Analysis	19
16	विद्युत कटौति के लिये निम्नआवृत्ति रिले की स्थिति Status of Under Frequency relays for load shedding	20
17	कैपेसिटर संस्थापन की प्रगति Progress of installation of capacitor	21
18	400 के.वो. तथा 220 कि.वो. पारेषण लाईनों पर कार्य में प्रगति Progress of works on 400 kV & 220 kV transmission lines	22
19	नई उत्पादन योजनाओं के संस्थापना की अधिसूची / यूनिटें व चालू की गई पारेषण लाईनें Commissioning schedule of new generation schemes/Units & Transmission lines commissioned	23
20	जलाशयों के जलीय आँकड़े Hydraulic Data of Reservoirs	24

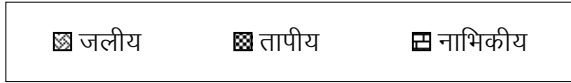
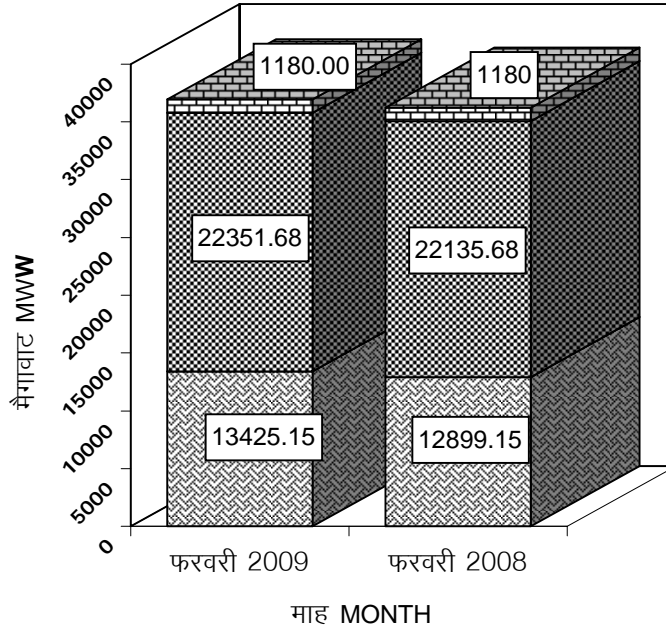
### प्रदर्श EXHIBITS

प्रदर्श-1 Exbt.I	उच्चतम दिन की क्षेत्रीय क्षमता, उपलब्धता तथा उत्पादन पैटर्न Regional capacity, availability and generation pattern of the Peak day	
प्रदर्श-2 Exbt.II	दैनिक क्षेत्रीय नैट उर्जा उपलब्धता/कमी वक्र Daily regional availability/shortage curves	
प्रदर्श-3 Exbt.III	दैनिक क्षेत्रीय पीक उपलब्धता/कमी वक्र Daily regional peak availability/shortage curves	
प्रदर्श-4 Exbt.IV	उत्तरी क्षेत्र में उच्चतम माँग के दिन घन्टेवार भार व उत्पादन के वक्र Hourly load / generation curves of Peak day of NR.	
प्रदर्श-5 Exbt.V	उत्तरी क्षेत्र में न्यूनतम माँग वाले दिन का घन्टेवार भार व उत्पादन के वक्र Hourly load/ generation curves of Off Peak day of NR.	
प्रदर्श-6-10 Exbt.VI-X	2006-2007, 2007-2008 तथा 2008-2009 के दौरान दर्ज किये गये विभिन्न जलाशयों का स्तर Levels recorded/ generation during 2006-07, 2007-08 and 2008-09 of various reservoirs.	
प्रदर्श-11 Exbt.XI	उत्तरी क्षेत्र में माह के दौरान भार अवधि का वक्र Load duration curve of Northern Region for the month	
प्रदर्श-12 Exbt.XII	उत्तरी क्षेत्र में माह के दौरान आवृत्ति अवधि का वक्र Frequency duration curve of Northern Region for the month	

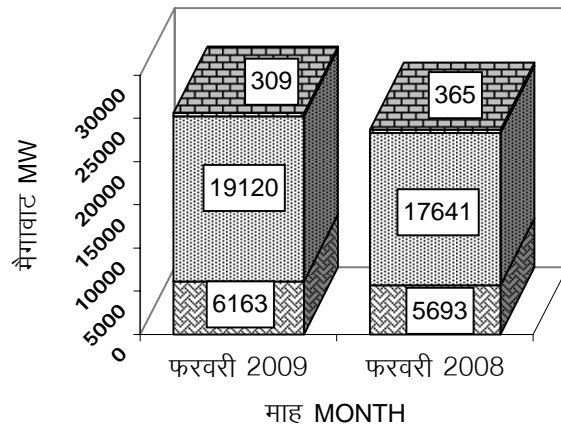
**1.. उत्तर क्षेत्रीय विद्युत प्रणाली के मुख्य लक्षण**  
**SALIENT FEATURES OF NORTHERN REGIONAL POWER GRID**

क्र.सं. SI.No.	लक्षण	फरवरी 2009 Feb.09	फरवरी,2008 Feb.08	परिवर्तन CHANGE	FEATURES
1	संस्थापित क्षमता (मैगावाट)	38723.20	37486.11	1237.09	Installed Capacity (MW)
2	माँग (मैगावाट)	31947	31617	330.00	Requirement (MW)
3	उपलब्धता (मैगावाट)	27670	26102	1568.00	Availability( MW)
4	कमी (मैगावाट)	4277	5515	-1238.00	Shortage(MW)
5	कमी (प्रतिशत में)	13.39	17.44	-4.06	% Shortage
6	माँग (मि.यू / दिन)	631.31	607.66	23.65	Requirement (MU/day)
7	उपलब्धता (मि.यू / दिन)	545.80	501.76	44.04	Availability (MU/day)
8	कमी (मि.यू / दिन)	85.51	105.90	-20.39	Shortage(MU/day)
9	कमी (प्रतिशत में)	13.54	17.43	-3.88	% Shortage
10	उत्पादन (मि.यू / दिन)				Generation (MU/day)
	जलीय	93.72	80.98	12.74	Hydro
	तापीय	400.62	369.16	31.46	Coal
	गैस	57.92	65.04	-7.12	Gas
	नाभिकीय	7.21	7.22	-0.01	Nuclear
	कुल (मि.यू / दिन)	572.50	532.75	39.75	Total (MU/day)
	निर्यात (मि.यू/दिन)	6.58	11.20	-4.62	Export(MU/day)
	आयात (मि.यू/दिन)	34.69	47.20	-12.51	Import(MU/day)
	शुद्ध निर्यात / आयात(मि.यू/दिन)	28.11	36.00	-7.89	Net Exp. (-) / Net Imp. (+) (MU/day)
11	उत्पादन (उच्चतम माँग दिन में)				Generation(on peak day at Peak Hr)
	जलीय	6163	5693	470.00	Hydro
	तापीय	16561	147.5	16413.50	Coal
	गैस	2559	2891	-332.00	Gas
	नाभिकीय	309	365	-56.00	Nuclear
	कुल(मैगावाट)	25618	23707	1911.00	Total (MW)
	अंतर क्षेत्रीय संचरण (उच्चतम माँग)				Inter-regional transfer (At Peak Hr.)
	निर्यात (मैगावाट)	323	15	308	Export(MW)
	आयात (मैगावाट)	2375	2410	-35	Import(MW)
	शुद्ध निर्यात/आयात(अ/अ)(मैगावाट)	2052	2395	-343	Net Export (-) / Import (+) (MW)
12	माह के अन्तिम दिन में मुख्य जलाशयों का जलीय स्तर (मीटर)				Levels of Major Reservoirs on the last day of the month(Mtrs.)
I	भाखडा	486.27	476.09	10.18	Bhakra
ii	पोंग	408.22	396.02	12.20	Pong
III	रिहन्द	258.47	256.79	1.68	Rihand
iv	राणाप्रताप सागर	344.98	352.07	-7.09	Rana Pratap Sagar
v	गाँधी सागर	383.80	388.62	-4.82	Gandhi Sagar

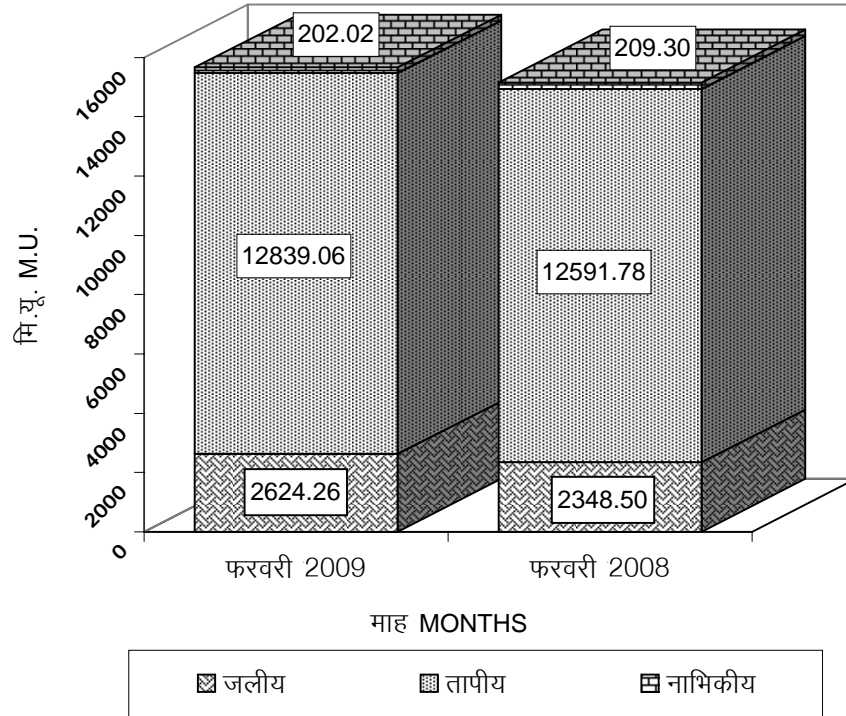
2...उत्तरी पॉवर ग्रिड की संस्थापितक्षमता  
INSTALLED CAPACITY OF NORTHERN POWER GRID



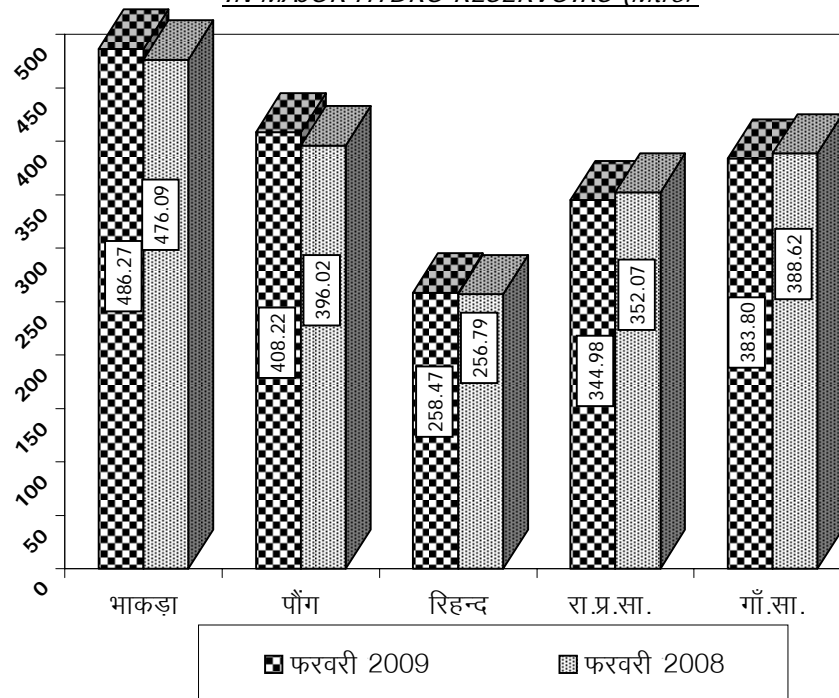
उच्चतम उपलब्धता पर उत्पादन  
GENERATION AT PEAK AVAILABILITY



3. कुल उत्पादित विद्युत  
GROSS ENERGY GENERATION



माह के अन्तिम दिन मुख्य जलाशयों का दर्ज किया गया स्तर  
LEVELS RECORDED ON MONTH'S LAST DAY  
IN MAJOR HYDRO RESERVOIRS (Mtrs.)



**4...माह फरवरी 2009 में विद्युत आपूर्ति की स्थिति**  
**POWER SUPPLY POSITION FOR THE MONTH OF FEBRUARY, 2009**

**Average Energy /day (Net)**

राज्य/केन्द्र शासित	उपलब्धता(मि.यू./दिन) Availability (MU/day)	माँग(मि.यू./दिन) Requirement (MU/day)	कमी Shortage	कमी(प्रतिशत) Shortage %	State/UT
चण्डीगढ़	3.23	3.23	0.00	0.00	Chandigarh
दिल्ली	49.68	49.99	0.31	0.62	Delhi
हरियाणा	71.21	80.83	9.62	11.90	Haryana
हिमाचल प्रदेश	17.67	17.72	0.05	0.28	H.P.
जम्मू व कश्मीर	26.96	35.95	8.99	25.01	J & K
पंजाब	82.73	96.76	14.03	14.50	Punjab
राजस्थान	119.73	121.32	1.59	1.31	Rajasthan
उत्तर प्रदेश	150.72	201.23	50.51	25.10	U.P.
उत्तराखण्ड	21.63	22.04	0.41	1.86	Uttarakhand
रेल	2.24	2.24	0.00	0.00	Railways
क्षेत्रीय	545.80	631.31	85.51	13.54	Region

**Peak MW**

राज्य/केन्द्र शासित	उपलब्धता (मैगावाट) Availability (MW)	माँग (मैगावाट) Requirement (MW)	कमी Shortage	कमी(प्रतिशत) Shortage %	State/UT
चण्डीगढ़	183	183	0	0.00	Chandigarh
दिल्ली	3105	3105	0	0.00	Delhi
हरियाणा	4058	5023	965	19.21	Haryana
हिमाचल प्रदेश	959	985	26	2.64	H.P.
जम्मू व कश्मीर	1358	2120	762	35.94	J & K
पंजाब	4773	6141	1368	22.28	Punjab
राजस्थान	6037	6093	56	0.92	Rajasthan
उत्तर प्रदेश	7555	10055	2500	24.86	U.P.
उत्तराखण्ड	1248	1248	0	0.00	Uttarakhand
रेल	98	98	0	0.00	Railways
क्षेत्रीय	27670	31947	4277	13.39	Region

उच्चतम उपलब्धता का दिन Peak Availability on 10.02.09 0007hrs at 49.47 Hz.  
 Diversity Factor 1.06

**5... 'उत्तरी क्षेत्र में वर्तमान वर्ष के दौरान पिछले वर्ष की तुलना में विद्युत आपूर्ति की स्थिति**

**OWER SUPPLY POSITION IN NORTHERN REGION DURING CURRENT YEAR AS COMPARED TO PREVIOUS YEAR**

**अ. औसत ऊर्जा (नेट)**

**A. AVERAGE ENERGY (NET)**

माह	2 0 0 8 - 2 0 0 9					2 0 0 7 - 2 0 0 8					MONTH
	माँग (मि.यू./दिन) REQUIREMENT (MU/DAY)	उपलब्धता (मि.यू./दिन) AVAILABILITY (MU/DAY)	कमी (मि.यू./दिन) SHORTAGE (MU/DAY)	कमी प्रतिशत में % SHORTAGE	औसत आवृत्ति (हर्ट्ज) AVERAGE FREQUENCY (Hz)	माँग (मि.यू./दिन) REQUIREMENT (MU/DAY)	उपलब्धता (मि.यू./दिन) AVAILABILITY (MU/DAY)	कमी (मि.यू./दिन) SHORTAGE (MU/DAY)	कमी प्रतिशत में % SHORTAGE	औसत आवृत्ति (हर्ट्ज) AVERAGE FREQUENCY (Hz)	
अप्रैल	557.68	480.29	77.39	13.88	49.22	547.09	504.79	42.30	7.73	49.33	APRIL
मई	592.01	535.36	56.65	9.57	49.64	588.69	555.22	33.47	5.69	49.63	MAY
जून	616.21	571.75	44.46	7.22	49.56	644.58	601.83	42.75	6.63	49.66	JUNE
जुलाई	700.25	624.70	75.55	10.79	49.31	655.21	611.82	43.39	6.62	49.69	JULY
अगस्त	657.89	610.58	47.31	7.19	49.55	667.92	617.09	50.83	7.61	49.61	AUGUST
सितम्बर	664.56	592.87	71.69	10.79	49.40	627.27	578.10	49.17	7.84	49.66	SEPTEMBER
अक्टूबर	637.10	568.86	68.24	10.71	49.41	575.41	512.29	63.12	10.97	49.37	OCTOBER
नवम्बर	594.34	522.70	71.64	12.05	49.53	552.21	490.43	61.78	11.19	49.29	NOVEMBER
दिसम्बर	600.73	532.04	68.69	11.43	49.60	571.02	492.00	79.02	13.84	49.29	DECEMBER
जनवरी	626.83	546.17	79.66	12.73	49.58	598.03	496.89	101.14	16.91	49.22	JANUARY
फरवरी	631.31	545.80	85.51	13.54	49.45	607.66	501.76	105.90	17.43	49.20	FEBRUARY
मार्च						597.42	506.35	91.07	15.24	49.21	MARCH

**ब. उच्चतम माँग**

**B. PEAK DEMAND**

माह	2 0 0 8 - 2 0 0 9					2 0 0 7 - 2 0 0 8					MONTH
	माँग (मेगावाट) REQUIREMENT(MW )	उपलब्धता (मेगावाट) AVAILABILITY(MW)	कमी (मेगावाट) SHORTAGE (MW)	कमी प्रतिशत में % SHORTAGE	औसत आवृत्ति (हर्ट्ज) AVERAGE FREQUENCY (Hz)	माँग (मेगावाट) REQUIREMENT(MW )	उपलब्धता (मेगावाट) AVAILABILITY(MW)	कमी (मेगावाट) SHORTAGE (MW)	कमी प्रतिशत में % SHORTAGE	औसत आवृत्ति (हर्ट्ज) AVERAGE FREQUENCY (Hz)	
अप्रैल	30863	25564	5299	17.17	49.22	29284	26081	3203	10.94	49.33	APRIL
मई	31438	27264	4174	13.28	49.64	30194	27504	2690	8.91	49.63	MAY
जून	32004	27826	4178	13.05	49.56	33077	29297	3780	11.43	49.66	JUNE
जुलाई	35393	30287	5106	14.43	49.31	33412	29957	3455	10.34	49.69	JULY
अगस्त	34530	29443	5087	14.73	49.55	33044	29804	3240	9.81	49.61	AUGUST
सितम्बर	34734	29136	5598	16.12	49.40	32620	29194	3426	10.50	49.66	SEPTEMBER
अक्टूबर	32565	28376	4189	12.86	49.41	29706	26080	3626	12.21	49.37	OCTOBER
नवम्बर	31072	26224	4848	15.60	49.53	29043	26132	2911	10.02	49.29	NOVEMBER
दिसम्बर	30484	27450	3034	9.95	49.60	29787	25364	4423	14.85	49.29	DECEMBER
जनवरी	33169	28911	4258	12.84	49.58	31848	26097	5751	18.06	49.22	JANUARY
फरवरी	31947	27670	4277	13.39	49.45	31617	26102	5515	17.44	49.20	FEBRUARY
मार्च						30755	25913	4842	15.74	49.21	MARCH

6...फरवरी 2009 माह में उत्पादन का वितरण /विनिमय

**ENTITLEMENTS /SCHEDULE/DRAWAL FOR THE MONTH OF FEBRUARY 2009**

(All Figs. In M.U.s.)

क्रम सं. Sr. No.	राज्य/के.शा.प्र./ प्रणाली	'शड्यूल Schedule	निकासी Drawal	OD/UD +/-	State /UT/ System
1	चण्डीगढ़	97.42	90.47	-6.95	CHANDIGARH
2	दिल्ली	755.14	593.63	-161.51	DELHI
3	हि.प्र.	415.47	398.39	-17.08	H.P
4	हरियाणा	542.99	690.16	147.17	HARYANA
5	ज. व क.	610.93	573.45	-37.48	J&K
6	पंजाब	624.94	644.90	19.96	PUNJAB
7	रेल	55.19	62.58	7.39	RAILWAYS
8	राजस्थान	1272.78	1612.99	340.21	RAJASTHAN
9	उत्तर प्रदेश	1909.18	1899.15	-10.03	UP
10	उत्तराखण्ड	349.83	362.80	12.97	UTTARAKHAND

NOTE: The above figures are operational figures and should not be used for ABT based REA.

अन्तरअक्षेत्रीय विनिमय

**INTERREGIONAL EXCHANGES(MU)**

आयात

1) एच.वी.डी.सी सह: पृष्ठ बन्द पर	76.75
2)220 की.वो. कोटा-उज्जैन से	31.50
3)220 की.वो. पसौली-साहुपुरी से	44.65
4) एच.वी.डी.सी.पर सह: पृष्ठ बन्द	69.37
5)400 के.वी. गोरखपुर मुज़फरपुर पर	363.70
6)400 के.वी. ग्वालियर - आगरा पर	107.84
7)400 के.वी. पटना-बलीया पर	152.67
8)220 की.वो. औरैया मलनपुर पर म.प्र.से	0.00
9)400 के वी बिहार शरीफ बलिया पर	124.87

कुल आयात

**971.35**

निर्यात

1)पश्चिमी ग्रिड को एच.वी.डी.सी.पर सह: पृ	33.80
2)220 की.वो. से म.प्र. को	106.54
3)220 की.वो.कोटाअउज्जैन से म.प्र. को	3.57
4)बिहार को 220/132 की.वो से	16.67
5)एच.वी.डी.सी.पर सह: पृष्ठ बन्द निर्यात	10.80
6) पूर्वी ग्रिड को 400 के.वी. गोरखपुर - मुज़	0.00
7)टनकपुर से नैपाल	11.91
8)400 के.वी. ग्वालियर - आगरा पर	0.89
9)400 के.वी. पटना-बलीया पर	0.00
10)400 के वी बिहार शरीफ बलिया पर	0.00

कुल निर्यात

**184.18**

Import

(i)Over HVDC Vindhyachal B/B .
(ii) From WR over220 kv Ujjain-Kota
(iii) From E/R over 220/132 kV Pasauli-Sahupuri
(iv)From ER over 400 kv Sasaram Bypass
(v) Over 400 KV Gorakhpur-Muzaffarpur
(vi) Over 400 KV Gwalior-Agra
(vii)Over 400 KV Patna-Balia
(viii) Over 220 kv Auraiya-Malanpur.
(ix)Over 400 KV Biharshariff-Balia

Total Import

Export

(i) Over HVDC Vindhyachal B/B
(ii) Over 220 kv Auraiya-Malanpur.
(iii)over 220 kv Kota-Ujjain
(iv) To E/R over 220kv/132kv lines.
(v) To ER over 400 kv Sasaram Bypass
(vi) Over 400 KV Gorakhpur-Muzaffarpur
(vii)ToNepalover132kvTanakpur-Mahender Ngr.
(viii) Over 400 KV Gwalior-Agra
(ix)Over 400 KV Patna-Balia
(x)Over 400 KV Biharshariff-Balia

Total Export

7...उ.क्षे. में स्थित राज्यों/संघ शासित क्षेत्रों में आबंटित संयुक्त व केन्द्रीय सेक्टर उपयोज्यों को समाहित करते हुए विद्युत उपयोज्यों की संस्थापित क्षमता (मेगावाट में)

**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 28-02-09, as per CEA )

State	Ownership Sector	Modewise breakup				TotalThermal	Nuclear	Hydro (Renewable)	RES (MNRE)	Grand Total
		Thermal								
		Coal	Gas	Diesel						
Delhi दिल्ली	State	320.00	600.40	0.00	920.40	0.00	0.00	0.00	920.40	
	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	804.70	0.00	3045.20	47.08	585.06	0.00	3677.34	
Haryana हरियाणा	State	2142.50	0.00	3.92	2146.42	0.00	884.24	62.70	3093.36	
	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	2518.07	532.04	3.92	3054.03	76.16	1331.40	68.70	4530.29	
Himachal हिमाचल	State	0.00	0.00	0.13	0.13	0.00	393.60	185.12	578.85	
	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	185.12	1896.47	
J&K जम्मू व कश्मीर	State	0.00	175.00	8.94	183.94	0.00	780.00	111.83	1075.77	
	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	1469.50	111.83	2158.95	
Punjab पंजाब	State	2630.00	0.00	0.00	2630.00	0.00	2319.82	123.90	5073.72	
	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	3176.21	259.72	0.00	3435.93	151.04	3031.57	161.47	6780.01	
Rajasthan राजस्थान	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	696.05	696.05	
	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	726.30	6426.15	
Uttar Pradesh उ.प्र.	State	4120.00	0.00	0.00	4120.00	0.00	527.40	25.10	4672.50	
	Private	0.00	0.00	0.00	0.00	0.00	0.00	377.88	377.88	
	Central	2373.31	541.16	0.00	2914.47	203.72	1078.09	0.00	4196.28	
	Sub-Total	6493.31	541.16	0.00	7034.47	203.72	1605.49	402.98	9246.66	
Uttarakhand उत्तराखण्ड	State	0.00	0.00	0.00	0.00	0.00	1248.25	109.92	1358.17	
	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	109.97	2383.03	
Chandigarh चण्डीगढ़	State	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	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	0.00	41.58	4.84	47.04	0.00	93.46	
Total N.R कुल उत्तरी क्षेत्र	State	11757.50	1219.20	12.99	12989.69	0.00	7141.15	648.82	20779.66	
	Private	0.00	0.00	0.00	0.00	0.00	786.00	1117.55	1903.55	
	Central	7050.00	2311.99	0.00	9361.99	1180.00	5498.00	0.00	16039.99	
	Grand Total	<b>18807.50</b>	<b>3531.19</b>	<b>12.99</b>	<b>22351.68</b>	<b>1180.00</b>	<b>13425.15</b>	<b>1766.37</b>	<b>38723.20</b>	

**8... 'उत्तरी क्षेत्र में फरवरी, 2009 माह के दौरान उत्पादन केन्द्रों का कार्य निष्पादन**

**PERFORMANCE OF GENERATING STATIONS IN THE NORTHERN REGION DURING THE MONTH OF FEBRUARY 2009**

विद्युत केन्द्र	संस्थापित क्षमता (मैगावाट)		प्रभावी क्षमता (मैगावाट)		ग्रोस (मि.यू.)	नेट (मि.यू.)	सचयी (1.4.08 से)	सचयी (1.4.08 से)	POWER STATION
	INSTALLED CAPACITY (MW)		EFFECTIVE CAPACITY (MW)		GROSS (MU)	NET (MU)	COMMULATIVE FROM 01.04.2008 (GROSS MU)	COMMULATIVE FROM 01.04.2008 (NET MU)	
<b>1. केन्द्रीय सेक्टर</b>									
<b>A. CENTRAL SECTOR</b>									
<b>रा.ता.वि.नि.</b>									
<b>NTPC</b>									
बदरपुर ता. वि.के.	3x100 + 2x210	720.00	705.00	451.83	406.65	5013.34	4512.01	Badarpur TPS	
सिंगरौली ता.वि.के.	5x200 + 2x500	2000.00	2000.00	1253.99	1128.59	14395.45	12955.91	Singrauli STPS	
रिहन्द ता.वि.के.	2x500+2x500	2000.00	2000.00	1379.39	1241.45	15481.33	13933.20	Rihand STPS	
दादरी ता.वि.के.	4x210	840.00	840.00	578.21	520.39	6662.23	5996.01	Dadri NCTPS	
ऊँचाहार ता.वि.के-1	2x210	420.00	420.00	293.83	264.45	3015.99	2714.39	Unchahar TPS Stage-I	
ऊँचाहार ता.वि.के-2	2x210	420.00	420.00	295.33	265.80	3282.22	2954.00	Unchahar TPS Stage-2	
ऊँचाहार ता.वि.के-3	1X210	210.00	210.00	147.47	132.72	1528.31	1375.48	Unchahar TPS Stage-3	
टांडा ता.वि.के.	4x110	440.00	440.00	297.54	267.79	3106.99	2796.29	Tanda TPS	
<b>कुल 'कोयला'</b>		<b>7050.00</b>	<b>7035.00</b>	<b>4697.59</b>	<b>4227.83</b>	<b>52485.86</b>	<b>47237.27</b>	<b>Total Coal</b>	
अन्टा गै.वि.के.	3x88 + 1x149	413.00	413.00	245.85	243.39	2251.50	2228.99	Anta GPS	
औरैया गै.वि.के.	4x112 + 2x102	652.00	652.00	287.61	284.73	3331.87	3298.55	Auraiya GPS	
दादरी गै.वि.के.	4x131 + 2x146.5	817.00	817.00	439.35	434.96	4755.07	4707.52	Dadri GPS	
फरीदाबाद गै.वि.के.	2x143+1x144	430.00	430.00	206.76	204.69	2222.37	2200.15	Faridabad GPS	
<b>कुल गैस</b>		<b>2312.00</b>	<b>2312.00</b>	<b>1179.57</b>	<b>1167.77</b>	<b>12560.81</b>	<b>12435.20</b>	<b>Total Gas</b>	
<b>कुल रा.ता.वि.नि.</b>		<b>9362.00</b>	<b>9347.00</b>	<b>5877.16</b>	<b>5395.61</b>	<b>65046.67</b>	<b>59672.48</b>	<b>Total NTPC</b>	
<b>रा.ज.वि.नि.</b>									
<b>NHPC</b>									
बैरासूल ज.वि.के.	3 x 66	198.00	180.00	29.58	29.08	634.30	626.59	Baira Siul HPS	
सलाल ज.वि.के.	3 x 115 + 3x115	690.00	690.00	116.80	116.11	2871.01	2850.45	Salal HPS	
टनकपुर ज.वि.के.	3 x 40	120.00	94.20	15.80	15.65	412.90	409.33	Tanakpur HPS	
चमेरा ज.वि.के.अ1	3 x 180	540.00	540.00	62.02	62.00	2061.68	2046.37	Chamera HPS-Stg I	
चमेरा ज.वि.के.अ2	3x100	300.00	300.00	30.81	30.71	1325.27	1315.50	Chamera HPS-Stg II	
उरी ज.वि.के.	4 x 120	480.00	480.00	251.62	249.36	2678.03	2650.74	Uri HPS	
धौली गंगा, (ज.वि.के.)	4x70	280.00	280.00	25.46	25.16	1089.94	1078.63	Dhauliganga HPS	
दुलहस्ती ज.वि.के.	3x130	390.00	390.00	75.74	74.91	2103.25	2081.82	Dulhasti HPS	
<b>कुल रा.ज.वि.नि.</b>		<b>2998.00</b>	<b>2954.20</b>	<b>607.83</b>	<b>602.98</b>	<b>13176.38</b>	<b>13059.43</b>	<b>Total NHPC</b>	
<b>ना.वि.नि.</b>									
<b>NPC</b>									
रा.आ.ऊ.के. अ	1x100+1x200	300.00	300.00	0.00	0.00	0.00	0.00	RAPS-A (# 1&2)	
रा.आ.ऊ.के. ब	2x220	440.00	440.00	148.45	122.00	2058.28	1751.63	RAPS-B (# 3&4)	
नरौरा आ.ऊ.के.	2x220	440.00	440.00	53.57	40.96	663.68	521.73	NAPS (#1 & 2)	
<b>कुल ना.वि.नि.</b>		<b>1180.00</b>	<b>1180.00</b>	<b>202.02</b>	<b>162.96</b>	<b>2721.95</b>	<b>2273.36</b>	<b>Total NPC</b>	
<b>2. संयुक्त सेक्टर</b>									
<b>B. JOINT SECTOR</b>									
<b>भा.ब्या.प्र.बो.</b>									
<b>BBMB</b>									
भाखड़ा (बाया)	5x108	540.00	540.00	153.61		1720.97		Bhakra (Left)	
भाखड़ा (दाया)	5x157	785.00	785.00	206.55		2527.01		Bhakra (Right)	
गंगुवाल	1x29.25 + 2x24.20	77.65	77.65	46.819		336.92		Ganguwal	
कोटला	1x29.25 + 2x24.20	77.65	77.65	34.73		384.56		Kotla	
कुल भाखड़ा परिसर		1480.30	1480.30	441.71	437.13	6064.47	5997.58	Total Bhakra Complex	
देहर ज.वि.के.	6 x 165	990.00	990.00	81.68	80.66	3000.12	2948.29	Dehar HPS	
पोंग ज.वि.के.	6x66	396.00	396.00	140.64	139.09	1302.78	1286.60	Pong HPS	
<b>कुल भा.ब्या.प्र.बो.</b>		<b>2866.30</b>	<b>2866.30</b>	<b>664.03</b>	<b>656.87</b>	<b>10367.37</b>	<b>10232.47</b>	<b>Total BBMB</b>	
<b>सतलुज जल विद्युत निगम,</b>									
<b>SJVNL</b>									
नापथा झाकड़ी ज.वि.के.	6x250	1500.00	1500.00	187.86	186.21	6376.52	6316.91	Nathpa Jhakri HPS	
<b>टि.ज.वि.नि.</b>									
<b>THDC Ltd.</b>									
टेहरी ज.वि.के.	4x250	1000.00	1000.00	222.20	219.54	2954.77	2919.29	Tehri HPP	

विद्युत केन्द्र	संस्थापित क्षमता (मेगावाट)	प्रभावी क्षमता (मेगावाट)	ग्रोस(मि.यू.)	नेट (मि.यू.)	संचयी (1.4.08 से)	संचयी (1.4.08 से)	POWER STATION	
	INSTALLED CAPACITY (MW)	EFFECTIVE CAPACITY (MW)	GROSS (MU)	NET (MU)	COMMULATIVE FROM 01.04.2008 (GROSS MU)	COMMULATIVE FROM 01.04.2008 (NET MU)		
<b>3.राज्य सैक्टर</b>							<b>C.STATE SECTOR</b>	
<b>1. दिल्ली</b>							<b>1. DELHI</b>	
<b>कोयला</b>							<b>Coal</b>	
इन्द्रप्रस्थ.ता.वि.के.	3x62.5+1x60	247.50	247.50	90.72	80.47	854.78	747.32	Indra Prastha TPS
राजघाट ता.वि.के.	2 x 67.5	135.00	135.00	70.19	61.05	803.03	683.14	Rajghat TPS
<b>कुल 'कोयला</b>		<b>382.50</b>	<b>382.50</b>	<b>160.91</b>	<b>141.53</b>	<b>1657.81</b>	<b>1430.46</b>	<b>TOTAL COAL</b>
गैस टरबाईन	6x30 + 3x30	270.00	270.00	95.88	92.88	1157.24	1123.40	Gas Turbines
प्रगति गैस टरबाईन	2x104.6+1x121.2	330.40	330.40	160.10	156.24	2203.29	2143.69	Pragati Gas Turbine
<b>कुल गैस</b>		<b>600.40</b>	<b>600.40</b>	<b>255.98</b>	<b>249.12</b>	<b>3360.53</b>	<b>3267.09</b>	<b>TOTAL GAS</b>
अपरम्परागत ऊर्जा स्रोत		0.00	0.00	0.00	0.00	0.00	0.00	R.E.S
<b>कुल दिल्ली</b>		<b>982.90</b>	<b>982.90</b>	<b>416.89</b>	<b>390.65</b>	<b>5018.34</b>	<b>4697.54</b>	<b>Total DELHI</b>
<b>2. हरियाणा</b>							<b>2. HARYANA</b>	
<b>कोयला</b>								<b>COAL</b>
फरीदाबाद ता.वि.के.	2x60	120.00	110.00	45.17	38.34	451.98	379.85	Faridabad TPS
पानीपत ता.वि.के.	4x110 + 2x210+2x250	1360.00	1360.00	841.58	764.42	8707.45	7826.07	TDLTSP (Panipat)
यमुनानगर ता.वि.के.	2x300	600.00	600.00	317.90	288.26	2998.78	2736.86	DCRTPP(Yamunanagar)
<b>कुल तापीय</b>		<b>2080.00</b>	<b>2070.00</b>	<b>1204.65</b>	<b>1091.02</b>	<b>12158.21</b>	<b>10942.77</b>	<b>TOTAL THERMAL</b>
<b>डीज़ल</b>		<b>3.92</b>	<b>3.92</b>					<b>Diesel</b>
अपरम्परागत ऊर्जा स्रोत								R.E.S
राज्य-पश्चिमी यमुना केनाल	6x8+2x7.2	62.40	62.40	11.65	11.49	270.91	268.88	State-WYC Y/Nagar (SHP)
आई पी पी		6.00	6.00					IPP
अपरम्परागत ऊर्जा स्रोत		68.40	68.40	11.65	11.49	270.91	268.88	Total RES
<b>कुल हरियाणा</b>		<b>2152.32</b>	<b>2142.32</b>	<b>1216.30</b>	<b>1102.51</b>	<b>12429.12</b>	<b>11211.66</b>	<b>Total HARYANA</b>
<b>3. हिमाचल प्रदेश</b>							<b>3.HIMACHAL PRADESH</b>	
<b>जलीय</b>								<b>HYDRO</b>
लार्जी	3X42	126.00	126.00	16.18		416.53		Larji
गिरि	2X30	60.00	60.00	7.85		200.85		Giri
बस्सी	4x15	60.00	60.00	5.03		132.35		Bassi
भाभा	3x40	120.00	120.00	11.13		394.96		Bhabha
आन्ध्रा	3x5.65	16.95	16.95	1.46		47.76		Andhra
बनेर	3x4	12.00	12.00	1.10		26.03		Baner
बिनवा	2x3	6.00	6.00	1.08		17.80		Binwa
गाज	3x3.5	10.50	10.50	1.37		24.54		Gaj
थिरोट	3x1.5	4.50	4.50	0.64		5.26		Thirot
घानवी	2x11.25	22.50	22.50	1.65		55.10		Ghanvi
खोली	12.00	12.00	12.00	1.31		24.09		Khauli
<b>लघु जलीय</b>				3.98		64.37		Micros(State's)
<b>कुल</b>		<b>450.45</b>	<b>466.45</b>	<b>52.76</b>	<b>52.23</b>	<b>2090.25</b>	<b>2069.33</b>	<b>Total</b>
मलाना( आई.पी. पी.)	2x43	86.00	86.00	5.80	5.74	343.78	340.33	MALANA HEP (IPP)
बासपा( आई.पी. पी.)	3x100	300.00	300.00	26.30	26.04	1264.18	1251.54	BASPA HEP(IPP)
पातीकारी ('आई.पी. पी.)		16.00	16.00	2.22	2.19	57.72	57.14	Patikari(IPP)
लघु जलीय ('आई.पी. पी.)				10.02	9.92	43.05	42.62	Micros (IPP's )
<b>कुल जलीय</b>		<b>852.45</b>	<b>868.45</b>	<b>97.10</b>	<b>96.12</b>	<b>3773.89</b>	<b>3736.12</b>	<b>Total Hydro</b>
<b>डीज़ल सैट</b>		<b>0.13</b>	<b>0.13</b>					<b>Diesel Gen. Sets</b>
अपरम्परागत ऊर्जा स्रोत		185.12	185.12					R.E.S-State
<b>कुल हिमाचल प्रदेश</b>		<b>1037.70</b>	<b>1053.70</b>	<b>97.10</b>	<b>96.12</b>	<b>3773.89</b>	<b>3736.04</b>	<b>TOTAL HP</b>

विद्युत केन्द्र	संस्थापित क्षमता (मेगावाट)		प्रभावी क्षमता (मेगावाट)	ग्रेस(मि.यू.)	नेट (मि.यू.)	सचयी (1.4.08 से)	सचयी (1.4.08 से)	POWER STATION
	INSTALLED CAPACITY (MW)	EFFECTIVE CAPACITY (MW)	GROSS (MU)	NET (MU)	COMMULATIVE FROM 01.04.2008 (GROSS MU)	COMMULATIVE FROM 01.04.2008 (NET MU)		
<b>4 जम्मू व कश्मीर</b>								
<b>4.JAMMU &amp; KASHMIR</b>								
<b>जलीय</b>								<b>HYDRO</b>
बगलीहार (ज.वि.के.)	2x150	300.00	300.00	108.58	108.55	558.94	558.28	Baghlihar HPS
<b>झेलम नदी घाटी</b>								<b>Jhelum River Basin</b>
निचली झेलम	3x35	105.00	105.00	50.43	50.40	295.79	295.57	Lower Jhelum
ऊपरी सिन्ध-1	2x11.3	22.60	22.60	4.57	4.57	47.83	47.77	Upper Sindh-I
ऊपरी सिन्ध-2	3x35	105.00	105.00	9.35	9.31	141.23	140.67	Upper Sindh-II
गन्दरवल	2x3+2x4.5	15.00	15.00	2.04	2.03	14.90	14.83	Ganderbal
करना		2.00	2.00	0.00	0	0.28	0.28	Karna
पहलगाव 3x1.5(2m/cinstalled)		3.00	3.00	0.00	0	0.51	0.51	Pahalgam
<b>चिनाब घाटी</b>								<b>Chenab Basin</b>
चिनानी 1,2,3	5x4.66+2x1+3x2.5	32.80	32.80	6.83	6.83	42.91	42.73	Chenani - I,II,III
भादरवाह		1.00	1.00	0.00	0	0.00	0.00	Badarwah
<b>रावी घाटी</b>								<b>Ravi Basin</b>
सेवा-III	3x3	9.00	9.00	0.63	0.63	4.38	4.36	Sewa-III
<b>कुल जलीय</b>		<b>595.40</b>	<b>595.40</b>	<b>182.42</b>	<b>182.30</b>	<b>1418.84</b>	<b>1416.63</b>	<b>Total Hydro</b>
<b>डीजल सेट</b>	8.94	<b>8.94</b>	<b>7.18</b>	<b>0.00</b>	<b>0.00</b>	0.00	0.00	<b>Diesel Gen. Sets</b>
पम्पोर जी.टी.	7x25	175.00	175.00	0.00	0.00	0.28	0.28	Pampoer GT
अपरम्परागत ऊर्जा स्रोत		111.83	111.83	0.00	0.00	0.00	0.00	R.E.S.State
<b>कुल जम्मू व कश्मीर</b>		<b>891.17</b>	<b>889.41</b>	<b>182.42</b>	<b>182.30</b>	<b>1419.12</b>	<b>1416.91</b>	<b>Total J&amp;K</b>
<b>5 पंजाब</b>								
<b>5. PUNJAB</b>								
<b>जलीय</b>								<b>HYDRO</b>
शानन	4x15 + 1x50	110.00	110.00	13.35	13.23	510.99	505.30	Jogindernagar / Shanan
यू.जी.डी.सी.	6x15	90.00	90.00	21.85	21.69	325.60	323.27	UBDC
मुकेरियन	6x15 + 6x19.5	207.00	207.00	122.15	119.52	984.00	961.96	Mukerian HP
आनंदपुर सहिब	4x33.5	134.00	134.00	44.08	43.68	638.22	632.98	Anandpur Sahib HPS
रणजीत सागर	4x150	600.00	600.00	60.98	60.78	1437.81	1432.74	Ranjit Sagar HPS
<b>कुल जलीय</b>		<b>1141.00</b>	<b>1141.00</b>	<b>262.40</b>	<b>258.90</b>	<b>3896.62</b>	<b>3856.24</b>	<b>Total Hydro</b>
<b>कोयला</b>								<b>COAL</b>
भटिन्डा ता.वि.के.	4x110	440.00	400.00	203.02	180.94	2627.17	2323.95	GNDTPS (Bhatinda)
रोपड़ वि.के.	6x210	1260.00	1260.00	730.71	670.78	8822.54	8084.26	GGSTPS (Ropar)
लेहरा मोहब्बत ता.वि.के.	2x210+2x250	920.00	920.00	584.68	539.68	4950.30	4515.59	GHTPS(Lehra Mohabat)
जलखेड़ी ता.वि.के.	1x10	10.00	10.00	0.00	0.00	0.00	0.00	Jaikheri Rice Straw fired
<b>कुल तापीय</b>		<b>2630.00</b>	<b>2590.00</b>	<b>1518.41</b>	<b>1391.40</b>	<b>16400.01</b>	<b>14923.80</b>	<b>Total Thermal</b>
अपरम्परागत ऊर्जा स्रोत								R.E.S
राज्य		123.90	123.90	21.13	21.13	179.47	179.48	State
आई.पी. पी.		37.57	37.57					IPP
<b>कुल पंजाब</b>		<b>3932.47</b>	<b>3892.47</b>	<b>1801.94</b>	<b>1671.44</b>	<b>20476.10</b>	<b>18959.51</b>	<b>Total PUNJAB</b>
<b>6 राजस्थान</b>								
<b>6. RAJASTHAN</b>								
<b>जलीय</b>								<b>HYDRO</b>
माही जलीय -1	2x25	50.00	50.00	11.47	11.43	76.46	76.02	Mahi H P S.-I
माही जलीय -2	2x45	90.00	90.00	5.15	5.12	36.83	33.70	Mahi H P S.-II
<b>चम्बल ज.वि.के.</b>								<b>Chambal Project</b>
राणा प्रतार सागर	4x43	172.00	172.00	16.73	16.69	316.68	316.22	Rana Partap Sagar
गंधी सागर	5x23	115.00	115.00	13.79	13.72	105.29	104.80	Gandhi Sagar
जवाहर सागर	3x33	99.00	99.00	12.51	12.49	228.99	228.73	Jawahar Sagar
लघु जलीय परियोजना				0.90	0.88	8.46	8.30	MMH
<b>कुल जलीय</b>		<b>526.00</b>	<b>526.00</b>	<b>60.55</b>	<b>60.32</b>	<b>772.71</b>	<b>767.77</b>	<b>Total Hydro</b>
<b>कोयला</b>								<b>COAL</b>
कोटा ता.वि.के.	110 + 3x210+1x195	1045.00	1045.00	705.73	640.17	7901.73	7156.61	Kota TPS
सुरतगढ़ ता.वि.के.	x250+2x250+1x250	1250.00	1250.00	801.51	727.81	8823.63	7997.27	Suratgarh TPS
धिराल ता.वि.के.	1x125	125.00	125.00	63.57	53.14	397.95	332.46	Giral LTPS
सतपुरा ता.वि.के.	5x62.5	312.50	312.50	156.17	142.10	1783.28	1613.85	Satpura TPS
<b>कुल कोयला</b>		<b>2732.50</b>	<b>2732.50</b>	<b>1726.98</b>	<b>1563.22</b>	<b>18906.59</b>	<b>17100.19</b>	<b>Total Coal</b>
रामगढ़ जी.टी.	1x37.5+1x35.5+1x37.8+1x3	113.80	110.50	27.80	26.65	317.75	304.78	Ramgarh Gas
धौलपुर जी.टी.	3x110	330.00	330.00	158.28	153.73	2094.94	2042.90	Dholpur CCGT
<b>कुल गैस</b>		<b>443.80</b>	<b>440.50</b>	<b>186.08</b>	<b>180.38</b>	<b>2412.69</b>	<b>2347.67</b>	<b>Total Gas</b>
अपरम्परागत ऊर्जा स्रोत								R.E.S
राज्य		30.25	30.25					State
आई.पी. पी.		696.05	696.05					IPP
पवन ऊर्जा				36.13	36.13	807.52	807.52	Wind
बाँयो मास ऊर्जा				13.85	13.85	160.62	160.63	BP
				41.85	41.85	192.49	192.50	CPP&others
अपरम्परागत ऊर्जा स्रोत		726.30	726.30	91.83	91.83	1160.63	1160.65	Total RES
<b>कुल राजस्थान</b>		<b>4428.60</b>	<b>4425.30</b>	<b>2065.43</b>	<b>1895.76</b>	<b>23252.62</b>	<b>21376.28</b>	<b>Total RAJASTHAN</b>

विद्युत केन्द्र	संस्थापित क्षमता (मैगावाट)		प्रभावी क्षमता (मैगावाट)		ग्रेस(मि.यू.)	नेट (मि.यू.)	संचयी (1.4.08 से)	संचयी (1.4.08 से)	POWER STATION
	INSTALLED CAPACITY (MW)	EFFECTIVE CAPACITY (MW)	GROSS (MU)	NET (MU)	COMMULATIVE FROM 01.04.2008 (GROSS MU)	COMMULATIVE FROM 01.04.2008 (NET MU)			
<b>7. उत्तराखण्ड</b>									<b>7.UTTARAKHAND</b>
<b>जलीय</b>									<b>HYDRO</b>
छिबरो	4x60	240.00	240.00	23.08	22.97	623.95	585.97		Chibro
खोदरी	4x30	120.00	120.00	11.36	11.28	283.50	265.29		Khodri
धकरानी	3x11.25	33.75	33.75	4.20	4.16	109.89	101.96		Dhakrani
धालीपुर	3x17	51.00	51.00	6.85	6.58	168.49	156.56		Dhalipur
कुहाल	3x10	30.00	30.00	5.88	5.65	110.50	101.23		Kulhal
मनेरी भाली-1	3x30	90.00	90.00	22.24	22.16	273.38	239.01		Maneri Bhali Stg.-1
मनेरी भाली-2	4x76	304.00	304.00	38.02	37.85	678.50	616.40		Maneri Bhali Stg.-2
चिला	4x36	144.00	144.00	48.70	48.61	596.67	542.33		Chilla
पाथरी	3x6.8	20.40	20.40	8.22	8.17	73.96	63.99		Pathri
मोहम्मदपुर	3x3.1	9.30	9.30	3.96	3.94	33.63	28.97		Mohamadpur
रामगंगा	3x66	198.00	198.00	64.65	64.52	216.07	176.89		Ramganga
खटीमा	3x13.8	41.40	41.40	6.72	6.71	104.67	94.16		Khatima
गलोगी	1+2x0.5	3.00	3.00	0.24	0.24	2.38	2.09		Galogi
कुल योग		<b>1284.85</b>	<b>1284.85</b>	<b>244.10</b>	<b>242.82</b>	<b>4641.80</b>	<b>4337.75</b>		Total
विष्णु प्रयाग ज.वि.के.	4x100	400.00	400.00	38.57	38.18	2028.89	1937.48		Vishnu Prayag HEP(IPP)
कुल जलीय		<b>1684.85</b>	<b>1684.85</b>	<b>282.67</b>	<b>281.00</b>	<b>6670.69</b>	<b>6275.23</b>		Total Hydro
अपरम्परागत ऊर्जा स्रोत									<b>R.E.S</b>
राज्य		<b>109.92</b>	<b>109.92</b>						State
आई.पी. पी.		<b>0.05</b>	<b>0.05</b>						IPP
कुल उत्तराखण्ड		<b>1794.82</b>	<b>1794.82</b>	<b>282.67</b>	<b>281.00</b>	<b>6670.69</b>	<b>6275.23</b>		Total UTTARAKHAND
<b>8 उत्तर प्रदेश</b>									<b>8. UTTAR PRADESH</b>
<b>जलीय</b>									<b>HYDRO</b>
रिहन्द	6x50	300.00	300.00	23.05		385.70			Rihand
ओबरा	3x33	99.00	99.00	8.78		148.50			Obra
माताटीला	3x10.2	30.60	30.60	13.12		127.89			Matatila
खारा	3x24	72.00	72.00	12.26		329.25			Khara
कुल जलीय		<b>501.60</b>	<b>501.60</b>	<b>57.20</b>	<b>56.63</b>	<b>1050.57</b>	<b>981.43</b>		Total Hydro
<b>कोयला</b>									<b>COAL</b>
ओबरा-1	2x50	100.00	40.00	422.84					Obra Stg.-1
ओबरा -2	3x100	300.00	282.00			4774.30			Obra Stg.-2
ओबरा -3,4	5x200	1000.00	1000.00						Obra Stg.-3&4
पनकी-2	2x110	220.00	210.00		121.65	1203.74			Panki Stg.-2.
हरदुआगंजअबी	1x55+1x50	105.00	95.00	78.29		718.08			Harduaganj -B
हरदुआगंजअसी	1x110+2x60	230.00	225.00						Harduaganj- C
पारीच्छा	2x110+2x210	640.00	640.00	300.83		2863.54			Parichha
अनपाराअ-1	3x210	630.00	630.00	985.28					Anpara -Stg.1
अनपाराअ-2	2x500	1000.00	1000.00			10780.42			Anpara - Stg.2
कुल 'कोयला		<b>4225.00</b>	<b>4122.00</b>		<b>1908.90</b>	<b>1679.83</b>	<b>22145.38</b>	<b>17899.26</b>	
अपरम्परागत ऊर्जा स्रोत									<b>R.E.S</b>
राज्य		<b>25.10</b>		<b>240.00</b>	<b>324.20</b>	<b>1677.60</b>	<b>1517.60</b>		State
आई.पी. पी.		<b>377.88</b>							IPP
कुल उत्तरप्रदेश		<b>5129.58</b>	<b>4623.60</b>	<b>2206.10</b>	<b>2060.66</b>	<b>24873.56</b>	<b>20398.29</b>		Total UP
<b>4 कुल क्षेत्रीय</b>									<b>D.TOTAL REGIONAL</b>
कुल क्षेत्रीय जलीय				2624.26	2600.87	53118.32	49561.52		Total Regional Hydro
कुल क्षेत्रीय कोयला				11217.43	10094.83	132926.95	109533.75		Total Regional Coal
कुल क्षेत्रीय गैस				1621.63	1597.28	20051.94	18050.24		Total Regional Gas
कुल क्षेत्रीय डीज़ल				0.00	0.00	0.00	0.00		Total Regional Diesel
कुल क्षेत्रीय तापीय				12839.06	11692.11	152978.89	127583.99		Total Regional Thermal
कुल क्षेत्रीय नाभिकीय				202.02	162.96	2919.03	2273.36		Total Regional Nuclear
अपरम्परागत ऊर्जा स्रोत				364.61	448.65	3429.13	3126.61		Total Regional R.E.S
कुल क्षेत्रीय				<b>16029.94</b>	<b>14904.59</b>	<b>212445.37</b>	<b>182545.48</b>		<b>TOTAL REGIONAL</b>

NOTE: टिप्पणी

(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)

**9...माह फरवरी 2009 के उत्तरी क्षेत्र के तापीय/गैसीय/नाभिकीय विद्युत केन्द्र का प्लन्ट लोड फैक्टर (पी.एल.एफ.)**

**PLANT LOAD FACTOR (PLF) OF THERMAL/GAS/NUCLEARPOWER STATIONS  
IN NORTHERN REGION DURING THE MONTH OF FEBRUARY,2009**

क्रम सं. S.No.	विद्युत केन्द्र	प्रभावी क्षमता Effective Capacity (MW)	माह में उत्पादन Gen. Of the month (MU)	माह का पी.एल.एफ. PLF of the month (%)	01.04.2008 से उत्पादन (मि.यू.) Gen.since 01.04.2008(MU)	01.04.2008 से पी.एल.एफ. PLF since 01.04.2008 (%)	Power Station
अ.	केन्द्रीय सेक्टर						<b>A.CENTRAL SECTOR</b>
1	रा.ता.वि.नि.						<b>1.NTPC</b>
	बदरपुर ता. वि.के.	705.00	451.83	95.37	5013.34	88.71	Badarpur TPS
	सिंगरौली ता.वि.के.	2000.00	1253.99	93.30	14395.45	89.79	Singrauli STPS
	रिहन्द ता.वि.के.	2000.00	1379.39	102.63	15481.33	96.57	Rihand STPS
	दादरी ता.वि.के.	840.00	578.21	102.43	6662.23	98.94	Dadri NCTPS
	ऊँचाहार ता.वि.के.अ1	420.00	293.83	104.11	3015.99	89.58	Unchahar TPS Stg.-I
	ऊँचाहार ता.वि.के.अ2	420.00	295.33	104.64	3282.22	97.49	Unchahar TPS Stg-II
	ऊँचाहार ता.वि.के.अ3	210.00	147.47	104.50	1528.31	90.79	Unchahar TPS Stg-III
	ढाँडा ता.वि.के.	440.00	297.54	100.63	3106.99	88.09	Tanda TPS
	<b>कुल तापीय</b>	<b>7035.00</b>	<b>4697.59</b>	<b>99.37</b>	<b>52485.86</b>	<b>93.07</b>	<b>Total Thermal</b>
	अन्टा गै.वि.के.	413.00	245.85	88.58	2251.50	68.01	Anta GPS
	औरैया गै.वि.के.	652.00	287.61	65.64	3331.87	63.75	Auraiya GPS
	दादरी गै.वि.के.	817.00	439.35	80.02	4755.07	72.61	Dadri GPS
	फरीदाबाद गै.वि.के.	430.00	206.76	71.55	2222.37	64.47	Faridabad GPS
	<b>कुल गैस</b>	<b>2312.00</b>	<b>1179.57</b>	<b>75.92</b>	<b>12560.81</b>	<b>67.78</b>	<b>Total Gas</b>
	<b>कुल रा.ता.वि.नि.</b>	<b>9347.00</b>	<b>5877.16</b>	<b>93.57</b>	<b>65046.67</b>	<b>86.82</b>	<b>Total NTPC</b>
2	ना.वि.नि.						<b>2.NPC</b>
	रा.आ.ऊ.के.	300.00	0.00	0.00	0.00	0.00	RAPS-A
	रा.आ.ऊ.के.अब	440.00	148.45	50.21	2058.28	58.36	RAPS-B
	नरौरा आ.ऊ.के.	440.00	53.57	18.12	663.68	18.82	NAPS
	<b>कुल ना.वि.नि.</b>	<b>1180.00</b>	<b>202.02</b>	<b>25.48</b>	<b>2721.95</b>	<b>28.78</b>	<b>Total NPC</b>
	<b>कुल केन्द्रीय सेक्टर</b>	<b>10527.00</b>	<b>6079.18</b>	<b>85.94</b>	<b>67768.62</b>	<b>80.31</b>	<b>Total Central Sector</b>
ब.	राज्य सेक्टर						<b>B.STATE SECTOR</b>
1	दिल्ली						<b>1.DELHI</b>
	इन्द्रप्रस्थ.ता.वि.के.	247.50	90.72	54.54	854.78	43.08	Inder Prastha TPS
	राजघाट ता.वि.के.	135.00	70.19	77.37	803.03	74.21	Rajghat TPS
	<b>कुल तापीय</b>	<b>382.50</b>	<b>160.91</b>	<b>62.60</b>	<b>1657.81</b>	<b>54.07</b>	<b>Total Thermal</b>
	गैस टरबाईन	270.00	95.88	52.84	1157.24	53.47	Gas Turbine
	प्रगति गैस टरबाईन	330.40	160.10	72.11	2203.29	83.19	Pragati Gas Turbine
	<b>कुल गैस</b>	<b>600.40</b>	<b>416.89</b>	<b>103.33</b>	<b>3360.53</b>	<b>69.82</b>	<b>Total GAS</b>
	<b>कुल दिल्ली</b>	<b>982.90</b>	<b>577.79</b>	<b>87.48</b>	<b>5018.34</b>	<b>63.69</b>	<b>Total Delhi</b>
2	हरियाणा						<b>2. HARYANA</b>
	फरीदाबाद ता.वि.के.	110.00	45.17	61.11	451.98	51.26	Faridabad TPS
	पानीपत ता.वि.के.	1360.00	841.58	92.08	8707.45	79.87	Panipat TPS
	यमुनानगर	600.00	317.90	78.84	2736.86	56.90	DCRTPP(Yamunanagar)
	<b>कुल तापीय</b>	<b>2070.00</b>	<b>1204.65</b>	<b>86.60</b>	<b>11896.29</b>	<b>71.69</b>	<b>Total Thermal</b>
	<b>कुल हरियाणा</b>	<b>2070.00</b>	<b>1204.65</b>	<b>86.60</b>	<b>11896.29</b>	<b>71.69</b>	<b>Total Haryana</b>

9. माह फरवरी 2009 के उत्तरी क्षेत्र के तापीय/गैसीय/नाभिकीय विद्युत केन्द्र का प्लन्ट लोड फैक्टर (पी.एल.एफ.)

**PLANT LOAD FACTOR (PLF) OF THERMAL/GAS/NUCLEARPOWER STATIONS  
IN NORTHERN REGION DURING THE MONTH OF FEBRUARY, 2009**

क्रम सं. S.No.	विद्युत केन्द्र	प्रभावी क्षमता Effective Capacity (MW)	माह में उत्पादन Gen. Of the month (MU)	माह का पी.एल.एफ. PLF of the month (%)	01.04.2008 से उत्पादन (मि.यू.)	01.04.2008 से पी.एल.एफ. PLF since 01.04.2008 (%)	Power Station
3	जम्मू व कश्मीर पम्पोर जी.टी.	175.00	0.00	0.00	0.28	0.02	3.J&K Pampore Gas Turbine
	<b>कुल जम्मू व कश्मीर</b>	<b>175.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.28</b>	<b>0.02</b>	<b>Total J&amp;K</b>
4	पंजाब						4.PUNJAB
	भटीन्डा ता.वि.के.	400.00	203.02	75.53	2627.17	81.94	GNDTPS (Bhatinda)
	रोपड़ वि.,के.	1260.00	730.71	86.30	8822.54	87.35	GGSTPS (Ropar)
	लेहरा मोहब्बत ता.वि.के.	920.00	584.68	94.57	4950.30	67.13	Lehra Mohabat TPS
	<b>कुल पंजाब</b>	<b>2580.00</b>	<b>1518.41</b>	<b>87.58</b>	<b>16400.01</b>	<b>79.30</b>	<b>Total Punjab</b>
5	राजस्थान						5.RAJASTHAN
	कोटा ता.वि.के.	1045.00	705.73	100.50	7901.73	94.33	Kota TPS
	सूरतगढ़ ता.वि.के.	1250.00	801.51	95.42	8823.63	88.06	Suratgarh TPS
	गिराल ता.वि.के.	125.00	63.57	75.68	397.95	39.72	Giral TPS
		<b>2420.00</b>	<b>1570.81</b>	<b>96.59</b>	<b>17123.31</b>	<b>88.27</b>	<b>Total Thermal</b>
	रामगढ़ जी.टी.	110.50	27.80	37.44	317.75	35.87	Ramgarh Gas Turbine
	धौलपुर जी.टी.	330.00	158.28	71.37	2094.94	79.20	Dholpur CCGT
	<b>कुल गैस</b>	<b>440.50</b>	<b>186.08</b>	<b>62.86</b>	<b>2412.69</b>	<b>68.33</b>	<b>Total GAS</b>
	<b>कुल राजस्थान</b>	<b>2860.50</b>	<b>1756.89</b>	<b>91.40</b>	<b>19536.00</b>	<b>85.20</b>	<b>Total Rajasthan</b>
6	उत्तर प्रदेश						6.UTTAR PRADESH
	ओबरा	1322.00	422.84	47.60	4774.30	45.05	Obra
	पनकी -2	210.00	121.65	86.20	1203.74	71.51	Panki Stg.2
	हरदुआगंज	320.00	78.29	36.41	718.08	27.99	Harduaganj
	पारीच्छा	640.00	300.83	69.95	2863.54	55.82	Parichha
	अनपारा	1630.00	985.28	89.95	10780.42	82.51	Anpara
		<b>कुल उत्तर प्रदेश</b>	<b>4122.00</b>	<b>1908.90</b>	<b>68.91</b>	<b>20340.07</b>	<b>61.56</b>
	राज्य सैक्टर गैसीय	<b>885.90</b>	<b>444.69</b>	<b>74.70</b>	<b>3678.56</b>	<b>51.80</b>	State Sector (Gas)
	राज्य सैक्टर तापीय	<b>11574.50</b>	<b>6363.67</b>	<b>81.82</b>	<b>67417.49</b>	<b>72.66</b>	State Sector (Thermal)
	<b>कुल राज्य सैक्टर</b>	<b>12460.40</b>	<b>6808.35</b>	<b>81.31</b>	<b>71096.05</b>	<b>71.18</b>	<b>State Sector (Total)</b>
	क्षेत्र (तापीय)	<b>18609.50</b>	<b>11061.26</b>	<b>88.45</b>	<b>119903.35</b>	<b>80.38</b>	Region (Thermal)
	क्षेत्र (गैसीय)	<b>3197.90</b>	<b>1624.26</b>	<b>75.58</b>	<b>16239.37</b>	<b>63.35</b>	Region (Gas )
	क्षेत्र (नाभिकीय)	<b>1180.00</b>	<b>202.02</b>	<b>25.48</b>	<b>2721.95</b>	<b>28.78</b>	Region (Nuclear)
	<b>कुल क्षेत्रीय</b>	<b>22987.40</b>	<b>12887.53</b>	<b>83.43</b>	<b>138864.67</b>	<b>75.36</b>	<b>TOTAL REGIONAL</b>

10...माह फरवरी 2009 के क्षेत्रीय उच्चतम माँग के समय में उत्तरी क्षेत्र के सभी संघटकों से अंशदान

**CONTRIBUTIONS FROM THE CONSTITUENTS OF NORTHERN REGION AT THE TIME OF REGIONAL PEAK DEMAND DURING THE MONTH OF FEBRUARY 2009**

तारीख DATE 10.02.09  
समय TIME 7.00 Hrs.  
आवृत्ति FREQUENCY 49.47 Hz.

(सभी आँकड़े मैगावाट में)

क्रम सं. Sl.No.	राज्य/के.शा./ प्रणाली	उत्पादन Generation from					कुल TOTAL
		जलीय Hydro	कोयला जलित Coal fired	गैस जलित Gas fired	नाभिकीय Nuclear	पवन ऊर्जा Wind	
	<u>रा.ता.वि.नि.</u>						
1	बदरपुर ता. वि.के.		675				675
2	सिंगरौली ता.वि.के.		2045				2045
3	रिहन्द ता.वि.के.		2088				2088
4	ऊँचाहार ता.वि.के.		1103				1103
5	दादरी ता.वि.के.		824				824
6	दादरी गै.वि.के.			792			792
7	अन्टा गै.वि.के.			401			401
8	औरैया गै.वि.के.			446			446
9	फरीदाबाद गै.वि.के.			318			318
10	'टांडा ता.वि.के. ना.वि.नि.		402				402
11	रा.आ.ऊ.के.				214		214
12	नरौरा आ.ऊ.के. <u>भा.व्या.प्र.बो.</u>				95		95
13	भाखरा परिसर	813					813
14	देहर ज.वि.के.	155					155
15	पोंग ज.वि.के. <u>रा.ज.वि.नि.</u>	264					0
16	सलाल ज.वि.के.	345					345
17	टनकपुर ज.वि.के.	20					20
18	चमेरा ज.वि.के. 1,2	483					483
19	बैरासूल ज.वि.के.	120					120
20	उरी ज.वि.के.	360					360
21	धौलीगंगा ज.वि.के.	146					146
22	दुलहस्ती ज.वि.के.	353					353
23	नापथा झाकड़ी	708					708
24	टि.ज.वि.नि.	715					715
	<u>राज्य</u>						
25	हरयाणा	15	1751	0			1766
26	हि.प्रदेश	66					66
27	ज व क	403		0			403
28	पंजाब	434	2282				2716
29	राजस्थान	130	2252	185		26	2593
30	उ.प्रदेश	219	2916				3135
31	उत्तराखण्ड	382					382
32	दिल्ली	0	223	417			640
33	बासपा	0					0
34	मलाना	32					32
	क्षेत्र	6163	16561	2559	309	26	25618
	अन्य क्षेत्रों से आयात						2375
	अन्य क्षेत्रों को निर्यात						323
	वास्तविक आयात						2052
	कुल उपलब्धता						27670

**11...उच्चतम माँग के दिन क्षेत्र में घन्टेवार भार व उत्पादन**

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

**10.02.2009**

घन्टे HOURS	जलीय उत्पादन HYDRO GENERATION(MW)	नाभिकीय उत्पादन NUCLEAR GENERATION(MW)	गैसीय उत्पादन GAS FIRED GENERATION(MW)	तापीय उत्पादन COAL FIRED GENERATION(MW)	कुल उत्पादन TOTAL GENERATION(MW)	कुल विनिमय TOTAL EXCHANGE(MW)	उपलब्धता AVAILABILITY(MW)	नियमित उपलब्धता REGULATED LOAD (MW)*	LOAD SHEDDING (MW)	नियमित माँग REGULATED DEMAND (MW) \$	RES.DEMAND (AVAIL.+L/S)(MW)#
01	2164	314	1723	16946	21147	-1063	22210	22192	2333	24525	24543
02	2099	309	1698	16880	20986	-1065	22051	21833	2142	23975	24193
03	2010	314	1742	16789	20855	-1229	22084	21900	1958	23858	24042
04	1987	314	1818	16854	20973	-953	21926	21718	1866	23584	23792
05	2601	307	1824	15976	20708	-1210	21918	22077	1759	23836	23677
06	4312	306	2000	16064	22682	-1568	24250	24574	3165	27739	27415
07	6163	311	2253	16891	25618	-2052	27670	28269	4124	32393	31794
08	6139	309	2266	16834	25548	-2045	27593	28156	4354	32510	31947
09	4819	307	2233	16850	24209	-1206	25415	25755	4968	30723	30383
10	4952	310	2223	16878	24363	-1651	26014	25972	4535	30507	30549
11	4800	307	2204	16694	24005	-1141	25146	25247	4446	29693	29592
12	4065	308	2189	16642	23204	-1299	24503	24701	4050	28751	28553
13	3451	305	2166	16607	22529	-1539	24068	24136	3918	28054	27986
14	3151	308	2030	16686	22175	-1294	23469	23441	3090	26531	26559
15	3011	306	1992	16820	22129	-586	22715	22562	3432	25994	26147
16	2858	305	1826	16956	21945	-446	22391	22535	2975	25510	25366
17	3017	306	1809	17101	22233	392	21841	21973	2951	24924	24792
18	4961	308	1821	17185	24275	631	23644	23587	2694	26281	26338
19	7310	311	1949	17147	26717	1138	25579	25477	4094	29571	29673
20	5740	311	1852	17139	25042	941	24101	24140	3659	27799	27760
21	4355	312	1835	17089	23591	718	22873	23020	3395	26415	26268
22	3504	310	1625	17106	22545	897	21648	21613	3377	24990	25025
23	2695	315	1685	16998	21693	1144	20549	20265	2827	23092	23376
24	2328	313	1609	16314	20564	785	19779	19422	1481	20903	21260

**न्यूनतम माँग के दिन क्षेत्र में घन्टेवार भार व उत्पादन**

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

**14.02.2009**

घन्टे HOURS	जलीय उत्पादन HYDRO GENERATION(MW)	नाभिकीय उत्पादन NUCLEAR GENERATION (MW)	गैसीय उत्पादन GAS FIRED GENERATION (MW)	तापीय उत्पादन COAL FIRED GENERATION (MW)	कुल उत्पादन TOTAL GENERATION (MW)	कुल विनिमय TOTAL EXCHANGE (MW)	उपलब्धता AVAILABILITY (MW)	नियमित उपलब्धता REGULATED LOAD * (MW)	LOAD SHEDDING (MW)	नियमित माँग REGULATED DEMAND (MW) \$	RES.DEMAND (AVAIL.+L/S)(MW) #
01	1943	311	1931	16257	20442	421	20021	20223	2333	22556	22354
02	1902	312	1924	16525	20663	604	20059	20067	1572	21639	21631
03	1880	311	1920	16478	20589	688	19901	19751	1928	21679	21829
04	1972	313	1921	16259	20465	659	19806	19878	1736	21614	21542
05	2039	313	1946	16495	20793	171	20622	20872	1829	22701	22451
06	3608	310	2040	16602	22560	-422	22982	23451	2808	26259	25790
07	5950	310	2385	16503	25148	-354	25502	25906	3616	29522	29118
08	5904	305	2420	16042	24671	-970	25641	26164	3821	29985	29462
09	4671	308	2403	16436	23818	-596	24414	24912	4468	29380	28882
10	4197	305	2473	16323	23298	-572	23870	24160	4708	28868	28578
11	4703	308	2460	16274	23745	-754	24499	24736	3608	28344	28107
12	4580	305	2432	16329	23646	-734	24380	24567	2918	27485	27298
13	3513	302	2411	16363	22589	-1160	23749	24008	2628	26636	26377
14	3431	306	2393	16396	22526	-897	23423	23593	2040	25633	25463
15	3251	303	2374	16453	22381	-318	22699	23012	3147	26159	25846
16	2950	302	2363	16549	22164	-19	22183	22489	3368	25857	25551
17	3281	300	2383	16517	22481	334	22147	22362	3028	25390	25175
18	5185	305	2373	16556	24419	212	24207	24139	2644	26783	26851
19	6986	306	2299	16583	26174	456	25718	26136	4076	30212	29794
20	6475	306	2305	16683	25769	51	25718	25999	4014	30013	29732
21	4378	304	2233	16688	23603	-735	24338	24684	4034	28718	28372
22	3307	308	2161	16686	22462	-1121	23583	23545	4088	27633	27671
23	2436	311	2218	16770	21735	-943	22678	22769	2827	25596	25505
24	2225	308	2141	16800	21474	-814	22288	22432	2506	24938	24794

Note Import (-) / Export (+)

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

\$ Regulated Demand is regulated load plus load shedding

# Res. Demand is availability plus load shedding

**फरवरी 2009 माह के दौरान अधिसूचित विद्युत कटौति और प्रतिबन्ध  
NOTIFIED POWER CUTS AND RESTRICTIONS DURING THE MONTH OF FEBRUARY 2009**

**1. Power Cut on Industries**

क्रम सं.	राज्य/केन्द्र शासित	Industries	Energy Cut(MU/day)	Demand Cut(MW)	Restriction Timings	Remarks
Sr.No.	State/UT					
1	चण्डीगढ़ CHANDIGARH	HT LT	No Notified Power Cut			
2	दिल्ली DELHI	HT/LT	No Notified Power Cut			
3	हरियाण HARYANA	HT/LT	0 to 1.2	0-200	Different timings for Different days	
4	हिमाचल प्रदेश H.P	HT/LT	0.129	43	18.30 to 21.30 (Peak Hrs.)	
5	पंजाब PUNJAB	HT/LT	2.571 3.457	600 144 MW(avg.)-1st to 28th	1800 to 2100 hrs, from 1st to 28th 1600 to 2100 hrs from 1st to 16th  One weekly off day on Induction Furnaces, Arc Furnaces, and rolling mills throughout the month. 12 hrs. day time (0800 to 2100 hrs) weekly off day remained applicable on general industry fed from cat.-I feeders (Mixed urban and industrial) from 1st to 26th which was increased to 24 hrs. w.e.f. 27th (0800 hrs to 08 hrs of next day). One weekly off day of 34 hrs (relaxed during night hrs) was applicable on general industries	being fed from cat.-II feeders (Predominantly Industrial) applicable from 1st to 4th was reduced to 24 hrs (0500 to 0500 hrs next day) w.e.f. 6th and upto 26th, timing changed from (0800 to 0800 next day) w.e.f. 27th. In addition such industry was switched off from 1700 hrs to 1900 hrs from 4th to 24th ..
6	राजस्थान RAJASTHAN	HT/LT	0-0.96	0-60	24.02.09 to 28.02.09 (0600-2200 hrs)	3 MVA and above
7	उत्तरांचल UTTARANCHAL	HT/LT	No Notified Power Cut			
8	उत्तर प्रदेश UTTAR PRADESH	HT/LT	No Notified Power Cut			

**2. Power Supply To Agriculture**

क्रम सं.	राज्य/केन्द्र शासित	Three Phase	Supply Hrs. Per Day			Remarks
			Maximum	Minimum	Average	
Sr.No.	State/UT					
1	चण्डीगढ़ CHANDIGARH		24 hrs			
2	दिल्ली DELHI		24 Hrs			
3	हरियाण HARYANA	Three Phase	19.00	6.00	12.30	
4	हिमाचल प्रदेश HIMACHAL PRADESH		24hrs			
5	पंजाब PUNJAB	Three Phase	12.57	4.60	7.21	
6	राजस्थान RAJASTHAN	Three Phase	13	11	12	
7	उत्तरांचल UTTARANCHAL	Three Phase	24	24	24	
8	उत्तर प्रदेश UTTAR PRADESH		13.35	9.32	9.57	

**Commercial & Domestic Power Cuts:**

1. Rajasthan-No Notified Power Cuts

2. Himachal Pradesh--No Notified Power Cuts

3. Punjab (Avg supply) Rural Domestic supply=18.99 hrs, Distt.H/Q supply=20.85 hrs,, Main cities supply=20.98 hrs, Supply from domestic /commercial/industrial feeders(urban, industrial cat.-I=20.54 hrs)

**Curtailment schedule of Jammu & Kashmir:-**

Sr.No.	Category of Consumers	Power Cuts per day
1	Essential loads like Hospitals, Defence, PHE (Water Supplies), Irrigation etc.	No Cuts
2	Domestic, Commercial and mixed load feeders that have 100% consumer metering	No Cuts
3	Domestic, Commercial and mixed load feeders with partial or no consumer metering	9 Hrs and 30 minutes
4	Industrial Consumers in Organised Industrial Estates	3 hours to 8 hours, depending on system peak load demands and system constraints.

**13....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 (1399 MW <sup>\$</sup> ) excluding RAPP #3&4				
State/UT	0-6 & 23-24 hrs	06-10 hrs	10-18 hrs	18-23 hrs
Chandigarh	5.00	5.00	5.00	5.00
Delhi	0.00	6.00	0.00	6.00
Haryana	16.00	15.00	17.00	16.00
H.P.	7.00	11.00	12.00	12.00
J & K	18.00	18.00	18.00	18.00
Punjab	3.00	2.00	2.00	3.00
Rajasthan	23.00	19.00	18.00	17.00
U.P.	22.00	20.00	22.00	20.00
Uttarakhand	6.00	4.00	6.00	3.00
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

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	2.50	3.18
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	0
Rajasthan	5.91	8.41	7.50	8.41
U.P.	3.41	3.41	2.50	3.41
Uttarakhand	0	0	0	0
<b>Total</b>	<b>15.00</b>	<b>15.00</b>	<b>15.00</b>	<b>15.00</b>

\$ -UA of one(U5) machine of Kahalgaon STPS -II, has been included in Pooled UA

UA of U6 & U7 machines of Kahalgaon stage-II will be included from COD

**13....PERCENTAGE SHARES AND ENTITLEMENTS OF NORTHERN REGION UTILITIES  
IN E.R. AND BHUTAN CENTRAL SECTOR GENERATING STATIONS**

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

(All figures in %)

State/UT	Pre Tala allocations rom Eastern Region			Allocations applicable after COD of 6 units of Tala						
	0000 - 2400 hrs			Add.allocation from E.R.		Total allocations from E.R.				0000-2400 hrs
				In lieu of Tala, HEP		0000 - 2400 hrs				
	FARAKKA	K'GAON-I	TALCHER	FARAKKA	K'GAON-I	FARAKKA	K'GAON-I	TALCHER	MEJIA # 6	Tala, HEP
1600 MW	840 MW	1000 MW	1600 MW	840 MW	1600 MW	840 MW	1000 MW	250 MW	(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
Delhi	0.00	0.00	0.00	1.85	7.54	1.85	7.54	0.00	11.76	2.94
Haryana	0.00	0.00	0.00	0.91	3.78	0.91	3.78	0.00	5.88	1.47
H.P.	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	1.12	4.56	1.55	4.99	0.43	7.08	1.77
Punjab	0.00	0.00	0.00	1.85	7.54	1.85	7.54	0.00	11.76	2.94
Rajasthan	0.38	0.38	0.38	0.91	3.78	1.29	4.16	0.38	5.88	1.47
U.P.	1.19	1.18	1.19	2.76	11.32	3.95	12.50	1.19	17.64	4.41
Uttarakhand	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total</b>	<b>2.00</b>	<b>1.99</b>	<b>2.00</b>	<b>9.40</b>	<b>38.52</b>	<b>11.40</b>	<b>40.51</b>	<b>2.00</b>	<b>60.00</b>	<b>15.00</b>

**C. Kahalgaon-II(3\*500 MW = 1500 MW) Eastern Region: Revised allocation after COD of Kahalgaon STPP-II Two Unit (1000 MW**

(All figures in %)

State/UT	Share	00-06 & 23-24		06-10		10-18		18-23	
		U.A.	Entlmnt	U.A.	Entlmnt	U.A.	Entlmnt	U.A.	Entlmnt
Chandigarh	0.20	0.29	0.49	0.29	0.49	0.29	0.49	0.29	0.49
Delhi	10.77	0.00	10.77	0.35	11.12	0.00	10.77	0.35	11.12
Haryana	4.72	0.94	5.66	0.88	5.60	1.00	5.72	0.94	5.66
H.P.	1.53	0.41	1.94	0.65	2.18	0.70	2.23	0.70	2.23
J & K	5.73	1.05	6.78	1.06	6.79	1.06	6.79	1.05	6.78
Punjab	8.31	0.18	8.49	0.12	8.43	0.12	8.43	0.18	8.49
Rajasthan	7.25	1.35	8.60	1.11	8.36	1.05	8.30	1.00	8.25
U.P.	17.16	1.29	18.45	1.17	18.33	1.29	18.45	1.17	18.33
Uttarakhand	1.87	0.35	2.22	0.23	2.10	0.35	2.22	0.18	2.05
<b>Total</b>	<b>57.54</b>	<b>5.86</b>	<b>63.40</b>	<b>5.86</b>	<b>63.40</b>	<b>5.86</b>	<b>63.40</b>	<b>5.86</b>	<b>63.40</b>

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

**NTPC stations**

(All figures in %)

State/UT	SINGRAULI (2000 MW)								RIHAND-I (1000 MW)								RIHAND-II (1000 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.	Entlmnt	U.A.	Entlmnt	U.A.	Entlmnt	U.A.	Entlmnt		U.A.	Entlmnt	U.A.	Entlmnt	U.A.	Entlmnt	U.A.	Entlmnt		U.A.	Entlmnt	U.A.	Entlmnt	U.A.	Entlmnt	U.A.	Entlmnt
Chandigarh	0.00	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	1.00	0.75	1.75	0.75	1.75	0.75	1.75	0.75	1.75	0.80	0.75	1.55	0.75	1.55	0.75	1.55	0.75	1.55
Delhi	7.50	0.00	7.50	0.90	8.40	0.00	7.50	0.90	8.40	10.00	0.00	10.00	0.89	10.89	0.00	10.00	0.89	10.89	12.60	0.00	12.60	0.90	13.50	0.00	12.60	0.90	13.50
Haryana	10.00	2.40	12.40	2.25	12.25	2.55	12.55	2.40	12.40	6.50	2.39	8.89	2.24	8.74	2.53	9.03	2.39	8.89	5.70	2.40	8.10	2.25	7.95	2.55	8.25	2.40	8.10
H.P.	0.00	1.05	1.05	1.65	1.65	1.80	1.80	1.80	1.80	3.50	1.04	4.54	1.64	5.14	1.79	5.29	1.79	5.29	3.30	1.05	4.35	1.65	4.95	1.80	5.10	1.80	5.10
J & K	0.00	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	7.00	2.69	9.69	2.69	9.69	2.69	9.69	2.69	9.69	9.40	2.70	12.10	2.70	12.10	2.70	12.10	2.70	12.10
Punjab	10.00	0.45	10.45	0.30	10.30	0.30	10.30	0.45	10.45	11.00	0.45	11.45	0.30	11.30	0.30	11.30	0.45	11.45	10.20	0.45	10.65	0.30	10.50	0.30	10.50	0.45	10.65
Rajasthan	15.00	3.45	18.45	2.85	17.85	2.70	17.70	2.55	17.55	9.50	3.43	12.93	2.83	12.33	2.68	12.18	2.53	12.03	10.00	3.45	13.45	2.85	12.85	2.70	12.70	2.55	12.55
U.P.	37.68	3.30	40.98	3.00	40.68	3.30	40.98	3.00	40.68	32.57	3.28	35.85	2.98	35.55	3.28	35.85	2.98	35.55	29.60	3.30	32.90	3.00	32.60	3.30	32.90	3.00	32.60
Uttarakhand	4.82	0.90	5.72	0.60	5.42	0.90	5.72	0.45	5.27	3.93	0.89	4.82	0.60	4.53	0.90	4.83	0.45	4.38	3.40	0.90	4.30	0.60	4.00	0.90	4.30	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	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>85.00</b>	<b>15.00</b>	<b>100.00</b>	<b>15.00</b>	<b>100.00</b>	<b>15.00</b>	<b>100.00</b>	<b>15.00</b>	<b>100.00</b>	<b>85.00</b>	<b>15.00</b>	<b>100.00</b>	<b>15.00</b>	<b>100.00</b>	<b>15.00</b>	<b>100.00</b>	<b>15.00</b>	<b>100.00</b>	<b>85.00</b>	<b>15.00</b>	<b>100.00</b>	<b>15.00</b>	<b>100.00</b>	<b>15.00</b>	<b>100.00</b>	<b>15.00</b>	<b>100.00</b>

State/UT	UNCHAHR-I (420 MW)								UNCHAHR-II (420 MW)								DADRI(T) (840 MW)			
	Share	00-06 & 23-24		06-10		10-18		18-23		Share	00-06 & 23-24		06-10		10-18		18-23		Share	Share
		U.A.	Entlmnt	U.A.	Entlmnt	U.A.	Entlmnt	U.A.	Entlmnt		U.A.	Entlmnt	U.A.	Entlmnt	U.A.	Entlmnt				
Chandigarh	0.48	0.240	0.72	0.240	0.72	0.240	0.72	0.24	0.72	0.71	0.75	1.46	0.75	1.46	0.75	1.46	0.75	1.46	0	0
Delhi	5.71	0.000	5.71	0.290	6.00	0.000	5.71	0.29	6.00	11.19	0.00	11.19	0.90	12.09	0.00	11.19	0.90	12.09	90	90
Haryana	2.62	0.760	3.38	0.720	3.34	0.810	3.43	0.76	3.38	5.48	2.40	7.88	2.25	7.73	2.55	8.03	2.40	7.88	0	0
H.P.	1.67	0.330	2.00	0.520	2.19	0.570	2.24	0.57	2.24	2.86	1.05	3.91	1.65	4.51	1.80	4.66	1.80	4.66	0	0
J & K	3.33	0.860	4.19	0.860	4.19	0.860	4.19	0.86	4.19	7.14	2.70	9.84	2.70	9.84	2.70	9.84	2.70	9.84	0	0
Punjab	8.57	0.140	8.71	0.090	8.66	0.090	8.66	0.14	8.71	14.28	0.45	14.73	0.30	14.58	0.30	14.58	0.45	14.73	0	0
Rajasthan	4.76	1.100	5.86	0.910	5.67	0.860	5.62	0.81	5.57	9.05	3.45	12.50	2.85	11.90	2.70	11.75	2.55	11.60	0	0
U.P.	59.52	1.050	60.57	0.950	60.47	1.050	60.57	0.96	60.48	30.69	3.30	33.99	3.00	33.69	3.30	33.99	3.00	33.69	10.00	10.00
Uttarakhand	8.57	0.290	8.86	0.190	8.76	0.290	8.86	0.14	8.71	3.60	0.90	4.50	0.60	4.20	0.90	4.50	0.45	4.05	0	0
<b>Total</b>	<b>95.23</b>	<b>4.77</b>	<b>100.00</b>	<b>4.77</b>	<b>100.00</b>	<b>4.77</b>	<b>100.00</b>	<b>4.77</b>	<b>100.00</b>	<b>85.00</b>	<b>15.00</b>	<b>100.00</b>	<b>15.00</b>	<b>100.00</b>	<b>15.00</b>	<b>100.00</b>	<b>15.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

State/UT	ANTA (G) (419 MW)								AURAIYA (G) (663 MW)								DADRI(G) (830 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.	Entlmnt	U.A.	Entlmnt	U.A.	Entlmnt	U.A.	Entlmnt		U.A.	Entlmnt	U.A.	Entlmnt	U.A.	Entlmnt	U.A.	Entlmnt		U.A.	Entlmnt	U.A.	Entlmnt	U.A.	Entlmnt	U.A.	Entlmnt
Chandigarh	1.19	0.75	1.94	0.75	1.94	0.75	1.94	0.75	1.94	0.75	0.520	1.27	0.520	1.27	0.520	1.27	0.520	1.27	0.61	0.35	0.96	0.35	0.96	0.35	0.96	0.35	0.96
Delhi	10.50	0.00	10.50	0.90	11.40	0.00	10.50	0.90	11.40	10.86	0.000	10.86	0.620	11.48	0.000	10.86	0.630	11.49	10.96	0.00	10.96	0.42	11.38	0.00	10.96	0.42	11.38
Haryana	5.73	2.41	8.14	2.26	7.99	2.56	8.29	2.41	8.14	5.88	1.670	7.55	1.560	7.44	1.768	7.65	1.660	7.54	4.94	1.13	6.07	1.05	5.99	1.19	6.13	1.12	6.06
H.P.	3.58	1.05	4.63	1.65	5.23	1.80	5.38	1.80	5.38	3.32	0.730	4.05	1.140	4.46	1.248	4.57	1.250	4.57	3.01	0.49	3.50	0.77	3.78	0.84	3.85	0.84	3.85
J & K	6.92	2.71	9.63	2.71	9.63	2.71	9.63	2.71	9.63	6.64	1.870	8.51	1.870	8.51	1.872	8.51	1.870	8.51	6.75	1.26	8.01	1.27	8.02	1.26	8.01	1.26	8.01
Punjab	11.69	0.45	12.14	0.30	11.99	0.30	11.99	0.45	12.14	12.52	0.310	12.83	0.210	12.73	0.208	12.73	0.310	12.83	15.90	0.21	16.11	0.14	16.04	0.14	16.04	0.21	16.11
Rajasthan	19.81	3.46	23.27	2.86	22.67	2.71	22.52	2.56	22.37	9.20	2.390	11.59	1.980	11.18	1.872	11.07	1.770	10.97	9.28	1.61	10.89	1.33	10.61	1.27	10.55	1.19	10.47
U.P.	21.75	3.31	25.06	3.01	24.76	3.31	25.06	3.01	24.76	32.06	2.290	34.35	2.080	34.14	2.288	34.35	2.080	34.14	29.60	1.54	31.14	1.40	31.00	1.54	31.14	1.41	31.01
Uttarakhand	3.79	0.90	4.69	0.60	4.39	0.90	4.69	0.45	4.24	3.84	0.620	4.46	0.420	4.26	0.624	4.46	0.310	4.15	3.41	0.42	3.83	0.28	3.69	0.42	3.83	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	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
<b>Total</b>	<b>84.96</b>	<b>15.04</b>	<b>100.00</b>	<b>15.04</b>	<b>100.00</b>	<b>15.04</b>	<b>100.00</b>	<b>15.04</b>	<b>100.00</b>	<b>85.07</b>	<b>14.93</b>	<b>100.00</b>	<b>14.93</b>	<b>100.00</b>	<b>14.93</b>	<b>100.00</b>	<b>14.93</b>	<b>100.00</b>	<b>84.46</b>	<b>15.54</b>	<b>100.00</b>	<b>15.54</b>	<b>100.00</b>	<b>15.54</b>	<b>100.00</b>	<b>15.54</b>	<b>100.00</b>

**13....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.	Entlmnt	U.A.	Entlmnt	U.A.	Entlmnt	U.A.	Entlmnt		U.A.	Entlmnt	U.A.	Entlmnt	U.A.	Entlmnt	U.A.	Entlmnt		U.A.	Entlmnt	U.A.	Entlmnt	U.A.	Entlmnt	U.A.	Entlmnt
Chandigarh	1.14	0.73	1.87	0.73	1.87	0.73	1.87	0.73	1.87	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	0.74	1.22	0.74	1.22
Delhi	10.68	0.00	10.68	0.87	11.55	0.00	10.68	0.87	11.55	0.00	0.00	0.00	0.00	2.50	2.50	3.18	3.18	13.81	0.00	13.81	0.89	14.70	0.00	13.81	0.89	14.70	
Haryana	6.36	2.33	8.69	2.18	8.54	2.47	8.83	2.33	8.69	10.91	2.50	13.41	0.00	10.91	2.50	13.41	0.00	10.91	5.71	2.36	8.07	2.21	7.92	2.51	8.22	2.36	8.07
H.P.	3.18	1.02	4.20	1.60	4.78	1.75	4.93	1.74	4.92	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.81	1.03	4.84	1.62	5.43	1.77	5.58	1.77	5.58
J & K	7.50	2.62	10.12	2.62	10.12	2.62	10.12	2.62	10.12	7.95	0.00	7.95	0.00	7.95	0.00	7.95	0.00	7.95	6.19	2.66	8.85	2.66	8.85	2.66	8.85	2.66	8.85
Punjab	11.59	0.44	12.03	0.29	11.88	0.29	11.88	0.44	12.03	22.73	3.18	25.91	3.18	25.91	0.00	22.73	0.00	22.73	8.1	0.44	8.54	0.30	8.40	0.29	8.39	0.44	8.54
Rajasthan	10.00	3.34	13.34	2.77	12.77	2.62	12.62	2.47	12.47	28.41	5.91	34.32	8.41	36.82	7.50	35.91	8.41	36.82	10.95	3.39	14.34	2.80	13.75	2.66	13.61	2.51	13.46
U.P.	31.30	3.20	34.50	2.91	34.21	3.20	34.50	2.91	34.21	15.00	3.41	18.41	3.41	18.41	2.50	17.50	3.41	18.41	30	3.25	33.25	2.95	32.95	3.25	33.25	2.95	32.95
Uttarakhand	3.70	0.87	4.57	0.58	4.28	0.87	4.57	0.44	4.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.19	0.89	7.08	0.59	6.78	0.88	7.07	0.44	6.63	
<b>Total</b>	<b>85.45</b>	<b>14.55</b>	<b>100.00</b>	<b>14.55</b>	<b>100.00</b>	<b>14.55</b>	<b>100.00</b>	<b>14.55</b>	<b>100.00</b>	<b>85.00</b>	<b>15.00</b>	<b>100.00</b>	<b>15.00</b>	<b>100.00</b>	<b>15.00</b>	<b>100.00</b>	<b>15.00</b>	<b>100.00</b>	<b>85.24</b>	<b>14.76</b>	<b>100.00</b>	<b>14.76</b>	<b>100.00</b>	<b>14.76</b>	<b>100.00</b>	<b>14.76</b>	<b>100.00</b>

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.	Entlmnt	U.A.	Entlmnt	U.A.	Entlmnt	U.A.	Entlmnt		U.A.	Entlmnt	U.A.	Entlmnt	U.A.	Entlmnt	U.A.	Entlmnt		U.A.	Entlmnt	U.A.	Entlmnt	U.A.	Entlmnt	U.A.	Entlmnt
Chandigarh	0.53	0.50	1.03	0.50	1.03	0.50	1.03	0.50	1.03	0.60	0.50	1.10	0.50	1.10	0.50	1.10	0.50	1.10	0.47	0.75	1.22	0.75	1.22	0.75	1.22	0.75	1.22
Delhi	9.47	0.00	9.47	0.59	10.06	0.00	9.47	0.59	10.06	10.30	0.00	10.30	0.59	10.89	0.00	10.30	0.59	10.89	12.83	0.00	12.83	0.90	13.73	0.00	12.83	0.90	13.73
Haryana	4.27	1.59	5.86	1.49	5.76	1.69	5.96	1.59	5.86	4.30	1.58	5.88	1.48	5.78	1.68	5.98	1.58	5.88	5.47	2.40	7.87	2.25	7.72	2.55	8.02	2.40	7.87
H.P.	36.47	0.69	37.16	1.09	37.56	1.19	37.66	1.19	37.66	2.80	0.69	3.49	1.09	3.89	1.19	3.99	1.19	3.99	0.00	1.05	1.05	1.65	1.65	1.80	1.80	1.80	1.80
J & K	7.00	1.79	8.79	1.79	8.79	1.79	8.79	1.79	8.79	4.80	1.78	6.58	1.78	6.58	1.78	6.58	1.78	6.58	21.15	2.70	23.85	2.70	23.85	2.70	23.85	2.70	23.85
Punjab	10.13	0.30	10.43	0.20	10.33	0.20	10.33	0.30	10.43	7.70	0.30	8.00	0.20	7.90	0.20	7.90	0.30	8.00	8.28	0.45	8.73	0.30	8.58	0.30	8.58	0.45	8.73
Rajasthan	7.47	2.28	9.75	1.89	9.36	1.79	9.26	1.69	9.16	7.50	2.28	9.78	1.88	9.38	1.78	9.28	1.68	9.18	10.88	3.45	14.33	2.85	13.73	2.70	13.58	2.55	13.43
U.P.	14.73	2.18	16.91	1.98	16.71	2.18	16.91	1.98	16.71	37.40	2.18	39.58	1.98	39.38	2.18	39.58	1.98	39.38	21.81	3.30	25.11	3.00	24.81	3.30	25.11	3.00	24.81
Uttarakhand	0.00	0.60	0.60	0.40	0.40	0.59	0.59	0.30	0.30	14.70	0.59	15.29	0.40	15.10	0.59	15.29	0.30	15.00	4.11	0.90	5.01	0.60	4.71	0.90	5.01	0.45	4.56
<b>Total</b>	<b>90.07</b>	<b>9.93</b>	<b>100.00</b>	<b>9.93</b>	<b>100.00</b>	<b>9.93</b>	<b>100.00</b>	<b>9.93</b>	<b>100.00</b>	<b>90.10</b>	<b>9.90</b>	<b>100.00</b>	<b>9.90</b>	<b>100.00</b>	<b>9.90</b>	<b>100.00</b>	<b>9.90</b>	<b>100.00</b>	<b>85.00</b>	<b>15.00</b>	<b>100.00</b>	<b>15.00</b>	<b>100.00</b>	<b>15.00</b>	<b>100.00</b>	<b>15.00</b>	<b>100.00</b>

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

State/UT	Dhauliganga(280 MW)								CHAMERA-II (300 MW)								B. SIUL	SALAL	T.PUR	CHAM-I	URI		
	Share	00-06 & 23-24		06-10		10-18		18-23		Share	00-06 & 23-24		06-10		10-18		18-23		180 MW	690 MW	94 MW	540 MW	480 MW
		U.A.	Entlmnt	U.A.	Entlmnt	U.A.	Entlmnt	U.A.	Entlmnt		U.A.	Entlmnt	U.A.	Entlmnt	U.A.	Entlmnt	U.A.	Entlmnt	Entlmnt '00-24				
Chandigarh	0.72	0.75	1.47	0.75	1.47	0.75	1.47	0.75	1.47	0.67	0.90	1.57	0.90	1.57	0.90	1.57	0.90	1.57	0.00	0.27	1.28	3.90	0.62
Delhi	13.21	0.00	13.21	0.90	14.11	0.00	13.21	0.90	14.11	13.33	0.00	13.33	1.08	14.41	0.00	13.33	1.08	14.41	11.00	11.62	12.81	7.90	11.04
Haryana	5.71	2.40	8.11	2.25	7.96	2.55	8.26	2.40	8.11	5.67	2.88	8.55	2.70	8.37	3.06	8.73	2.88	8.55	30.50	15.02	6.40	15.80	5.42
H.P.	3.57	1.05	4.62	1.65	5.22	1.80	5.37	1.80	5.37	15.67	1.26	16.93	1.98	17.65	2.16	17.83	2.16	17.83	12.00	0.99	3.84	14.90	2.71
J & K	6.07	2.70	8.77	2.70	8.77	2.70	8.77	2.70	8.77	6.33	3.24	9.57	3.24	9.57	3.24	9.57	3.24	9.57	0.00	34.39	7.68	3.90	33.96
Punjab	10.00	0.45	10.45	0.30	10.30	0.30	10.30	0.45	10.45	10.00	0.54	10.54	0.36	10.36	0.36	10.36	0.54	10.54	46.50	26.60	17.93	10.20	13.75
Rajasthan	9.65	3.45	13.10	2.85	12.50	2.70	12.35	2.55	12.20	9.67	4.14	13.81	3.42	13.09	3.24	12.91	3.06	12.73	0.00	2.95	11.53	19.60	8.96
U.P.	20.00	3.30	23.30	3.00	23.00	3.30	23.30	3.00	23.00	20.66	3.96	24.62	3.60	24.26	3.96	24.62	3.60	24.26	0.00	6.95	22.64	20.27	20.06
Uttarakhand	16.07	0.90	16.97	0.60	16.67	0.90	16.97	0.45	16.52	0.00	1.08	1.08	0.72	0.72	1.08	1.08	0.54	0.54	0.00	1.21	15.89	3.53	3.48
<b>Total</b>	<b>85.00</b>	<b>15.00</b>	<b>100.00</b>	<b>15.00</b>	<b>100.00</b>	<b>15.00</b>	<b>100.00</b>	<b>15.00</b>	<b>100.00</b>	<b>82.00</b>	<b>18.00</b>	<b>100.00</b>	<b>18.00</b>	<b>100.00</b>	<b>18.00</b>	<b>100.00</b>	<b>18.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

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

**14.. फरवरी 2009 माह का आवृत्ति विश्लेषण**  
**FREQUENCY ANALYSIS FOR THE MONTH OF FEBRUARY 2009**

Date	Frequency(Hz.)			%age TimeSystem Frequency in frequency bands									
	Max	Min	Avg.	<48.5	48.5- 48.8	48.8- 49	49- 49.5	49.5- 49.8	49.8- 50.2	50.2- 50.5	50.5- 51	51- 51.5	>51.5
1	50.44	48.90	49.49	0.00	0.00	1.03	49.14	41.15	8.28	0.40	0.00	0.00	0.00
2	50.20	48.83	49.40	0.00	0.00	2.65	66.29	23.22	7.84	0.00	0.00	0.00	0.00
3	50.05	48.79	49.35	0.00	0.01	3.08	73.55	20.69	2.67	0.00	0.00	0.00	0.00
4	50.01	48.76	49.24	0.00	0.21	14.06	73.24	10.93	1.56	0.00	0.00	0.00	0.00
5	50.22	48.83	49.44	0.00	0.00	1.37	58.24	36.24	4.04	0.11	0.00	0.00	0.00
6	50.16	48.86	49.52	0.00	0.00	0.57	50.86	36.95	11.62	0.00	0.00	0.00	0.00
7	50.42	48.89	49.49	0.00	0.00	0.94	49.32	41.80	7.54	0.40	0.00	0.00	0.00
8	50.36	48.97	49.54	0.00	0.00	0.19	40.46	47.40	11.56	0.38	0.00	0.00	0.00
9	50.19	48.82	49.48	0.00	0.00	1.63	55.10	27.59	15.67	0.00	0.00	0.00	0.00
10	50.50	48.98	49.75	0.00	0.00	0.08	14.06	45.70	34.40	5.75	0.01	0.00	0.00
11	50.72	49.00	49.76	0.00	0.00	0.00	21.60	40.03	24.13	12.42	1.81	0.00	0.00
12	50.22	49.03	49.59	0.00	0.00	0.00	33.78	45.57	20.49	0.16	0.00	0.00	0.00
13	50.21	48.81	49.41	0.00	0.00	2.82	57.05	32.96	7.07	0.10	0.00	0.00	0.00
14	50.25	48.99	49.56	0.00	0.00	0.02	41.36	45.92	12.47	0.24	0.00	0.00	0.00
15	50.43	49.13	49.78	0.00	0.00	0.00	12.93	44.30	36.09	6.68	0.00	0.00	0.00
16	50.40	49.01	49.66	0.00	0.00	0.00	31.78	38.76	23.60	5.86	0.00	0.00	0.00
17	50.30	48.89	49.49	0.00	0.00	0.99	55.87	24.99	17.79	0.36	0.00	0.00	0.00
18	50.25	48.82	49.47	0.00	0.00	2.31	55.39	23.56	18.54	0.20	0.00	0.00	0.00
19	50.22	48.94	49.45	0.00	0.00	0.47	65.70	23.71	10.07	0.05	0.00	0.00	0.00
20	50.08	48.85	49.36	0.00	0.00	1.61	71.61	25.01	1.77	0.00	0.00	0.00	0.00
21	49.87	48.88	49.40	0.00	0.00	1.14	69.01	28.58	1.27	0.00	0.00	0.00	0.00
22	50.10	48.80	49.36	0.00	0.00	2.94	69.77	25.43	1.86	0.00	0.00	0.00	0.00
23	49.93	48.76	49.33	0.00	0.22	5.02	68.10	25.93	0.73	0.00	0.00	0.00	0.00
24	50.13	48.76	49.18	0.00	0.18	14.71	81.05	3.69	0.37	0.00	0.00	0.00	0.00
25	49.80	48.79	49.22	0.00	0.02	13.88	78.24	7.86	0.01	0.00	0.00	0.00	0.00
26	49.99	48.79	49.23	0.00	0.02	10.49	82.70	6.44	0.34	0.00	0.00	0.00	0.00
27	50.31	48.77	49.31	0.00	0.10	4.82	77.22	16.45	1.18	0.23	0.00	0.00	0.00
28	50.17	48.83	49.37	0.00	0.00	3.78	66.99	25.34	3.89	0.00	0.00	0.00	0.00
<b>Avg.</b>	<b>50.21</b>	<b>48.87</b>	<b>49.45</b>	<b>0.00</b>	<b>0.03</b>	<b>3.24</b>	<b>56.09</b>	<b>29.15</b>	<b>10.24</b>	<b>1.19</b>	<b>0.07</b>	<b>0.00</b>	<b>0.00</b>

### 15.... VOLTAGE ANALYSIS

माह फरवरी,2009 के दौरान 400 कि.वो. और 220 कि.वो. बसों में अधिकतम और न्यूनतम दर्ज किया गया वोल्टेज

MAXIMUM AND MINIMUM VOLTAGES RECORDED AT 400KV & 220 KV BUSES DURING THE MONTH OF FEBRUARY 2009

(All figures in KV) (सभी आँकड़े कि.वो. में)

दिन DATE	400 कि.वो. दादरी पर AT 400KV DADRI		400 कि.वो. कानपुर पर AT 400KV KANPUR		220 कि.वो. बी.टी.पी.एस पर AT 220KV BTPS		400 कि.वो. मोगा पर AT 400KV MOGA	
	अधिकतम MAXIMUM	न्यूनतम MINIMUM	अधिकतम MAXIMUM	न्यूनतम MINIMUM	अधिकतम MAXIMUM	न्यूनतम MINIMUM	अधिकतम MAXIMUM	न्यूनतम MINIMUM
1	424	386	412	391	224	214	413	396
2	422	395	419	395	227	212	420	390
3	417	388	415	391	225	211	415	387
4	419	390	415	395	222	212	416	389
5	414	387	412	393	223	211	415	392
6	419	390	416	394	225	213	415	394
7	416	387	416	391	224	212	414	390
8	415	394	418	395	223	214	411	391
9	416	390	413	396	225	213	417	393
10	419	388	416	390	225	212	421	397
11	429	391	426	399	230	213	425	391
12	417	390	417	392	225	212	418	392
13	420	391	418	390	225	213	417	389
14	417	395	417	397	225	214	422	391
15	418	396	415	396	225	215	417	394
16	418	387	414	390	226	212	419	393
17	419	393	416	395	226	214	419	391
18	418	391	414	393	225	213	419	391
19	416	390	410	391	224	212	416	393
20	419	394	414	394	225	212	419	393
21	414	386	410	390	222	210	412	394
22	412	394	411	395	222	215	416	396
23	414	393	414	393	223	213	419	395
24	412	392	413	394	222	213	416	393
25	411	394	423	389	222	213	415	392
26	412	392	410	392	222	214	415	394
27	415	389	414	393	222	212	419	393
28	416	390	420	396	224	213	417	390
<b>Max</b>	<b>424</b>	<b>395</b>	<b>420</b>	<b>403</b>	<b>227</b>	<b>215</b>	<b>421</b>	<b>397</b>
<b>Min</b>	<b>411</b>	<b>378</b>	<b>409</b>	<b>384</b>	<b>218</b>	<b>209</b>	<b>408</b>	<b>386</b>

**16.....'उत्तरी क्षेत्र में 28.02.09 को विद्युत कटौति करने वाली कम आवृत्ति रिलेज़ की स्थिति  
DETAILS OF UFRs FOR LOAD SHEDDING IN THE NORTHERN REGION AS ON 28.02.09**

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

राज्य/केन्द्र शासित/प्रणाली	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	
चण्डीगढ़	0	50	50	Chandigarh
दिल्ली	250	280	280	Delhi
हरियाणा	280	310	310	Haryana
हिमाचल प्रदेश	50	70	70	HP
जम्मू व कश्मीर	90	90	90	J&K
पंजाब	430	490	490	Punjab
राजस्थान	330	370	370	Rajasthan
उत्तर प्रदेश	500	280	280	UP
उत्तराखण्ड	70	70	70	Uttarakhand
कुल योग	2000	2010	2010	<b>Total</b>

df/dt: Total in western UP=810

df/dt: Total in Punjab,Haryana,HP ,J&K,Chandigarh=287

**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
<b>Total</b>	<b>800</b>	<b>1000</b>	<b>1250</b>	<b>3050</b>

17...28.02.2009 को उत्तरी क्षेत्र में कैपेसीटर्स की स्थिति

**PROGRESS OF INSTALLATION OF SHUNT CAPACITORS(11 KV AND ABOVE) IN THE 'NORTHERN REGION AS ON 28.02.2009**

राज्य/के.शा.प्र./ प्रणाली	Requirement as per NRPC Studied	Installed as on 31.03.08	BBMB Capacitors apportioned	New Capacitors(MVAR) required during 2008- 09	Capacitors installed during 2008-09 upto 28.02.09	Balance to be installed during 2008-09	Month by which this installation should complete	Defective capacitors.need revival during 2008 09	Capacitors revived(Net) till 28.02.09	Balance to be revived during 2008-09	STATE / UT / SYSTEM
चण्डीगढ़	205	102	25	78	0	78	Aug.08	13	0	13	Chandigarh
दिल्ली	3875	3456	20	399	0	399	May08	348	288	60	Delhi
हरियाणा	4370	2773	195	1402	391	1011	July 08	297	0	297	Haryana
एच.पी.	650	514	0	136	0	136	July 08	51	0	51	H.P.
ज व क	1320	147	0	1173	0	1173	Nov.08	15	0	15	J & K
पंजाब	6450	5450	137	863	126	737	May08	559	51	508	Punjab
राजस्थान	4380	3732	0	648	49	599	Dec.08	373	25	348	Rajasthan
उत्तर प्रदेश	7680	5812	0	1868	0	1868	Aug.08	581	79	502	U.P.
उत्तराखण्ड	500	353	0	147	0	147	May08	35	0	35	Uttaranchal
<b>कुल</b>	<b>29430</b>	<b>22339</b>	<b>377</b>	<b>6714</b>	<b>566</b>	<b>6148</b>		<b>2272</b>	<b>443</b>	<b>1829</b>	<b>TOTAL</b>

**18...निर्माणाधीन प्रमुख पारेषण लाईनों की स्थिति 28.02.2009 तक**

**STATUS OF IMPORTANT TRANSMISSION LINES UNDER CONSTRUCTION AS ON 28.02.2009**

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 Original	Target Revised	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	<b>765 kV Transmission Lines</b> <i>Central Sector</i> Agra -Gwalior 2nd S/C (initially to be operated at 400KV)	S/C	130	29	101	98	336	336	336	127	.Jan09	.March09	
2	<b>400 kV Transmission Lines</b> <i>Central Sector</i> Bareilly - Mordadabad	S/C	91	91	0	0	252	252	252	91	Mar'07	May.'08	Commissioned 5/08
	RAPP 5&6 - Kota	D/C	75	2	49	67	145	145	145	69	Mar.'08	March.09	
	RAPP 5&6 - Kankroli	D/C	397	397	0	0	542	542	542	397	Mar.'08	Sept..08	Commissioned9/08
	<i>State Sector</i> <u>Rajasthan</u> Chhabra-Dahra (Kota) D/C	D/C	262	0	0	261	352	352	352	261	Sept.08	.March09	st ckt. Test charged at 220 kv in 1/09
	Dahra(Kota)-Bhilwara S/C	S/C +D/C	182	0	20	18	460	397	285	18	Sept.08	.March09	
	LILO Dholpur-Heerapura at Hindaun	D/C	13	0	0	0	13	13	8	0	Sept.08	March.09	
	Chhabra-Hindaun	S/C +D/C	342	0	305	214	802	777	693	214	.March09		
	Suratgarh STPS -Bikaner	S/C	162	0	170	130	403	399	380	130	Oct.'08	March.09	
	Ratangarh-Merta	S/C	181	181	0	0	464	464	464	181	Mar'06	Apr'08	Commissioned 5/08
	<u>JAMMU &amp; KASHMIR (J&amp;K) :</u> Kishenpur-Baglihar	D/C	136	136	0	0	215	215	215	136	May'07	Oct.08	Ist ckt. Commissioned in 10/08
3	<b>220 kV CENTRAL SECTOR (CS)</b> LILO of 1 ckt.of Tanakpur-Bareilly at Sitarganj		44	7	0	37	71	71	71	44	Jun'08	March.09	
4	<b>220 kV STATE SECTOR :</b> <u>CHANDIGARH :</u> Ganguwal-Mohali (2nd Ckt. Stringing) (Incl of re-alignment)	S/C	72.4	72	0	0		Existing		72	Jun'06	.March09	Deposit work of PSEB. Re-alignment of Bays in progress
	<u>DELHI (DTL) :</u> U/G of Maharani Bagh(PG)-Masjid Moth	D/C	19	0	0	0	Cable				Mar.'08	Mar.'09	Bid opened 12.5.08 Techno-comm. Evaluation in progress
	<u>Himachal Pardesh</u> Kashang-Bhaba	D/C	76	41	0	17	100	99	95	58	Mar'07	March.09	Forest CI obtained in 2/2008
	Khodri-Majri (2ndckt)	S/C on D/C	35	34.2	0	0	Tower Existing			34.2	Mar'08	Mar'09	Stringing completed except between locations T34&T36
	<u>HARYANA (HVPN) :</u> YTPP-Abdullapur	D/C	56	28	0	28	93	93	93	56	Mar'08	Feb.09	Commissioned 2/2009
	YTPP-Nilokheri	D/C	104	0	0	0	173	162	126	0	Mar'08	.March09	WIP
	Nilokheri-Karnal	S/C	19	19	0	0	66	66	66	19	Mar'08	Jun.'08	Commissioned 6/08
	Badshahpur-Rewari (2nd Ckt) Strg.	S/C	51	43	0	0	Tower Existing			50	Jun'06	.March09	WIP
	Badshahpur-IMT Manesar 2ndCkt Strg.	S/C	12	0	0	0	Tower Existing			0	Mar'07	.March09	WIP
	LILO of 2nd ckt of Narwana-Fatehabad at Bhuna	D/C	16	0	0	9	27	27	27	16	Dec'07	Nov.08	Commissioned 11/08
	Hissar (Mayyar)-Isharwal	D/C	92	22	0	70	151	151	151	92	Apr'08	Feb.09	Commissioned 2/2009

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 Original	Target Revised	Remarks
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	5	10	10	10	5	Dec'07	Nov.08	Commissioned 11/08
	Cheeka-Durala	D/C	100	0	106	98	168	168	167	98	Dec.08	.March09	WIP
	LILO one ckt Shahbad-Pehova at Durala	D/C	6	0	6	0	16	16	16	6	Nov'08		Commissioned 11/08
	<u>PUNJAB (PSEB) :</u>												
	GHTP-Himatpura D/C	D/C	70	0	18	0					Dec.07	.Apr09	workyet to start
	GNDTP-Muksar (2nd ckt)	S/ConD/C	53	50	0	3	156	156	156	53	May.07	Dec.08	Commissioned 12/08
	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	.Feb09	Strg. Comp.hill cutting work in progress
	Khasa–Amritsar at Balachak(PGCIL)	D/C	44	10	0	34	72	72	72	44	Jun'05	Jun'08	Commissioned 7/2008
	LILO of Malerkotla – Lalton Kalan	D/C	2	0	0	0	5				Mar-06	.March09	Matching with Pakhowal S/S
	S/C at Pakhowal												
	LILO of Mohali-I–Dera Bassi at Mohali-II	D/C	1	0	0	1	9	9	9	1	Mar-07	Feb.09	Commissioned 2/2009
	LILO of Gobindgarh-I -Gobindgarh-II at Amlon Road	D/C	2	0	0	2	5	5	5	2	Mar-07	.june08	Commissioned 6/08
	Humbran–FZR Rd Ludhiana	D/C	30	0	0	0					Mar-07	.March09	Tower design modification
	Phagan Majra (400 kV) -F.P.Nabha	D/C	65	2	0	0	108	96	71	12	Mar-08	.March09	WIP
	Mohali-Dera Bassi (2nd ckt stringing)	S/C onD/C	29	28	0	1		Existing		28	Jun-07	Feb.09	Commissioned 2/2009
	LILO of one circuit of GGSSTP – Mohali-I at Kharar	D/C	10	0	0	0					Dec-07	.March09	
	Nalagarh-Mohali -I	D/C	110	21	0	86	185	155	145	79	Jul-07	.March09	WIP,Approval of H.P.involved
	LILO of one ckt. of Moga-Mukatsar DC at Sadiq	D/C	50	0	49	0	62	0	0	0	Mar-09		Route Plan under approval
	Moga (400 KV) - Baghapurana	D/C	20	0	36	16	32	32	27	16	Mar-09		WIP
	Mukatsar- Malout SC on DC	S/C	32	0	0	0	32				Mar-09		
	<u>Rajasthan</u>												
	Giral TPS-Barmer 2nd ckt.	S/C	40	0	0	0	126	85	53	0	Mar-07	Mar.09	
	Dhorimanna-Bhinmal	S/C	92	24	0	68	288	288	288	92	Jun.07	Feb.09	Commissioned 2/2009
	Barsinghsar -Khinvsar S/C	S/C	98	0	0	98	310	310	310	98	Mar-08	Dec.08	Commissioned12/08
	LILO Bhilwara-Kankroli at Kankroli(PG)	S/C	9.5	9.5	0	0	16	16	16	9.5	Mar-08	May-08	Commissioned 5/08
	LILO Kota-Bhilwara at Kota (PG)	D/C	4	0	4	0					Mar-08	Mar.09	Forest issue
	Chhabra TPS-Jhalawar S/C	S/C	125	0	125	1	356	155	50	1	Sept-08	Mar.09	
	LILO Bhilwara-Pali at Bhilwara (400kv)	D/C	10	0	10	0	17	4	0	0	Sept-08	Mar.09	
	Hindaun(400kv)-Hidaun(220kv)	D/C	16	0	16	15	28	28	28	15	Sept-08	.March09	
	Hindaun(400kv)-Mandawar	D/C	65	0	65	0	155	88	38	0	Sept-08	Mar.09	
	Chhabra -Baran-Dahra	D/C	110		110	7	367	281	143	7	Sept-08	Mar.09	

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	Mar.09		
	LILO Bikaner-Nagaur at Bikaner (400 kV) D/C	D/C	20	0	20	0	0	0	0		Oct-08	Mar.09		
	STPS-Bhadra S/C	S/C	114	0	4	114	352	352	352	114	Oct-08	March.09	Stringing completed	
	Opening of one ckt of Heerapura-Bassi line and connecting Sanganer & Phulera	S/C	59	59	0	0	191	191	191	59	Mar-08	May-08	Commissioned7/08	
	LILO of Jaipur – Kota at Duni	D/C	6	0	0	0	8	8	2	0	Mar-08	.Jan09		
	Bhiwadi(PGCIL)-Neemrana	S/C	58	26	0	26	184	180	176	52	Mar-08	Oct.08	Commissioned 10/08	
	Kankroli (PG)-Debari	S/C	63	0	0	35	205	189	172	35	Mar-08	.March09		
	LILO one ckt Bassi-Heerapura at Jagatpura	D/C	22	0	22	0	44	4			Mar-09	.March09		
	LILO Heerapura-Kukas at VKIA	D/C	2	0	2	2	7	7	7	2	July'08	Sept..08	Commissioned9/08	
	LILO Bhiwadi-Neemrana a Khushekhera	D/C	8	0	8	8	18	18	18	8	Dec-08		Commissioned10/08	
	LILO Alwar-Bhiwadi at Khushekhera	D/C	5	0	5	0	20	20	20	5	Dec-08		Commissioned10/08	
	<u>UTTAR PRADESH (UPPCL) :</u>													
	Matore(PG)-Nehtaur	S/C	88	0	0	57	255	251	247	57	Dec-07	.March09		
	Nanauta-Muzaffarnagar	S/C	55	0	15	0	167	118	20	0	Apr-08	March-09	WIP	
	Muzaffarnagar-Shamli	S/C	56	0	15	0	169	135	9	0	Mar-08	.Mar09		
	LILO of Saharanpur-Shamli at Nanouta	D/C	6	0	0	0	11	7	0	0	Apr-08	March-09	WIP	
	Metore(Meerut) (PG)-Gajraula	S/C	87	0	37	58	254	251	247	58	Apr-08	.March09		
	Loni-Muradnagar(400 kV S/S)	D/C	27	0	4	27	112	112	112	27	Mar-08	.Jan09	Commissioned in 01/09	
	LILO of Khurja-Muradnagar at Dadri	D/C	23	0	0	7	50	42	35	7	Mar-08	.March09		
	LILO of Khurja-Muradnagar at Sikandrabad	D/C	38	17	21	21	65	65	65	38	Jun'08	.Jan09	Commissioned in 01/09	
	LILO of Sarojininagar-Chinhat at Gomtinagar	D/C	7	0		7	22	22	22	7	Jun'08	.Jan 09	Commissioned 1/2009	
	<u>UTTARAKHAND (PTCUL)</u>													
	Rishikesh-Maneribali Stage-II (3rd ckt.)	S/C	79	46	0	14	230	230	220	60		.March09		
	LILO of Maneri I-Rishikesh at Maneri -II	D/C	4	4	0	0	6	6	6	4	Mar-07	March.09	Stringing completed	
	Kashipur - Barheni	D/C	52	0	0	0	84	82	36	0	Dec-06	.March09	Stringing completed	
	Barheni - Pantnagar	S/C	35	31	0	4	115	115	115	35	Dec-06	9-Mar	Stringing completed	
	<u>JAMMU &amp; KASHMIR (J&amp;K) :</u>													
	Barn-Kishenpur	D/C	74.8	74.8	0	0	105	105	105	74.8	Mar-08	May-08	Commisioned 6/08	

**19...नई संस्थापित की जाने वाली उत्पादन योजनाओं की अनुसूचि**  
**COMMISSIONING SCHEDULE OF NEW GENERATION SCHEMES**

क्रम सं. Sl. No.	एजेन्सी Agency	विद्युत केन्द्र का नाम Name of Power Station	ईकाई सं. Unit No.	क्षमता(मैगावाट) Capacity(MW)	संस्थापना की अनुसूचि Schedule for Commissioning.
1	हरियाणा Haryana	यमुना नगर टी पी एस Yamuna Nagar TPS	1to2	600	unit 1,COD 14.04.08 Unit 2,machine hand over in March.09
1	हरियाणा Haryana	Rajeev Gandhi TPS(Khedar)	1 to 2	1200	Unit#1-Dec.2009. Unit#2-Feb.2010
2	जे एण्ड के . J&K(PDC)	बगलीहार (ज.वि.के.) Baglihar HPS	1 to 3	450	Unit#1,150MW, synchronised on 19.09.08. Unit#2150 MW synchronised on 25.10.08 Unit#3,150MW, synchronised on 14.11.08
3	प.रा.वि.बो. PSEB	जी.एच.ता.वि.के.(स्टेज- II) GHTP Stage-2	4	250	Commissioned on 31.07.08 COD on 31.03.09
4	राजस्थान Rajasthan	गिराल -लिंगनाइट-II (यूनिट-II) Giral Lignite-II (Unit-2)	2	125	Synchronised on 26.12.08 COD inMarch 09
5	राजस्थान Rajasthan	छाबड़ा- ता.वि.के. Chhabra TPS	1 to 2	2x250	U#1- March.09 U# 2- September 09
6	राजस्थान Rajasthan	कोटा- ता.वि.के. Kota- TPS	7	195	April 09
7	राजस्थान Rajasthan	सूरतगढ़- ता.वि.के. Suratgarh TPS	6	250	March 09
8	राजस्थान Rajasthan	बारासिंगसर लिंगनाइट Barsingsar Lignite	1to 2	2x125	U#1- Aug. 09 U# 2- Jan.2010
9	एन.पी.सी.आई.एल. NPCIL	आर ए पी एस RAPS	5to6	440	#5 May 09(Reacter critical in Dec.08) #6 Oct. 09
10	NTPC	NCP Project Stg.-II(Dadri)	5 to 6	490	Oct.09 Mar.10
11	NDPL,Delhi	Rithala CCPP	1	108	Sept.09
12	Raj.West power	Jallipa Kapurdi TPP	1 to 6	6x135	May 09 to March2010

**माह के दौरान नये लगाई गई उत्पादक ईकाईयों/पारेषण लाईन तथा सब स्टेशन**  
**NEW GENERATING UNITS / TRANS. LINES / SUB-STATIONS.COMMISSIONED DURING THE MONTH.**

**A) Generating Units:**

NIL

**B) Transmission Lines:**

- 1.220 kv Kabul-Pul-e-Khumri(Afganistan) D/C, 404 ckm, Powergrid
- 2 220kv.Dhorimanna-BhinmalS/C,92ckm, Rajasthan
- 3.220 kv YTPP-Abdullapur, D/C,56ckm, Haryana
- 4.220 kv Hissar(Mayyar)-Isharwal D/C,92 ckm,Haryana
- 5.220kv LILO of Mohali-1-Derabassi at Mohali-2C. D/C,1 ckm, Punjab
- 6.220 kv Mohali-Derabassi(2nd ckt Stringing),S/C on D/C,29 ckm,Punjab

**C) Sub-Stations:**

- 1.220/132 kv 100MVA ,Sitarganj, Powergrid
- 2.220/66 kv 100 MVA,Yamunanagar(Jorian)3rd ckt.Haryana
- 3.220/66 kv 100GHTP Lehramohabat,Punjab
- 4.220/66 kv 100MVA Bawana DSIDC,Delhi
- 5.220/66 kv100 MVA, South of Wazirabad(4thICT),Delhi
- 6.220/33kv 60 MVA,GTS/S(Aug.)(160-100),Delhi

20....फरवरी 2009 माह के अन्तिम दिन उत्तरी क्षेत्र के जलाशयों के जलीय आँकड़े

**HYDRAULIC DATA OF RESERVOIRS IN THE NORTHERN REGION AS ON THE LAST DAY OF THE MONTH OF FEBRUARY 2009**

मद	भाखड़ा BHAKRA	पोंग PONG	रिहन्द RIHAND	रा.प्र.सा. R.P.Sagar	गौं.सागर GANDHI SAGAR	ITEM
जलाशय का पूर्ण जल स्तर मीटर	514.50	433.12	268.22	352.65	402.64	Full Reservoir Level (FRL) (m)
न्यूनतम डी.डी. स्तर मीटर	445.62	384.05	252.98	342.90	381.00	Min. Draw Down Level (MDDL) (m)
फरवरी, 2009 माह के अन्तिम दिन जलीय स्तर मीटर	486.27	408.22	258.47	344.98	383.80	Level as on last day of Feb. 2009 (m)
फरवरी 2008 माह के अन्तिम दिन जलीय स्तर मीटर	476.09	396.02	256.79	352.07	388.62	Level as on last day of Feb. 2008 (m)
फरवरी, 2009के अन्तिम दिन लाईव क्षमता	0.33	0.31	0.16	0.03	0.11	Live capacity on last day of Feb. 2009 (mhmt)
फरवरी, 2008 के अन्तिम दिन लाईव क्षमता एम.एच.मीटर	0.23	0.12	0.10	0.14	0.16	Live capacity on last day of Feb. 2008 (mhmt)
फरवरी, 2009 माह के अन्तिम दिन विद्युत मात्रा एम.यू.	1220.00	435.00	275.00	50.00	330.00	Energy content on last day of Feb. 2009 (MU)
फरवरी, 2008 माह के अन्तिम दिन विद्युत मात्रा एम.यू.	800.00	155.00	175.00	270.00	440.00	Energy content on last day of Feb. 2008 (MU)
फरवरी, 2009 माह के दौरान अधिकतम जलीय स्तर मीटर	493.15	411.57	259.02	345.12	384.71	Maximum level during Feb. 2009 (m)
तिथि	01.02.09	01.02.09	01.02.09	01.02.09	01.02.09	(Date)
फरवरी, 2009 माह के दौरान न्यूनतम जलीय स्तर मीटर	486.27	408.22	258.47	344.98	383.80	Minimum level during Feb. 2009 (m)
तिथि	28.02.09	28.02.09	28.02.09	28.02.09	28.02.09	(Date)

**टिप्पणी Notes :**

भाखड़ा की विद्युत मात्रा

Energy content of Bhakra :

रिहन्द की विद्युत मात्रा

Energy content of Rihand :

आर.पी.एस. की विद्युत मात्रा

Energy content of RPS :

गौंधी सागर की विद्युत मात्रा

Energy content of G.Sagar :

भाखड़ा, गंगुवाल तथा कोटला विद्युत केन्द्रों की कुल विद्युत मात्रा ।

Total energy content at Bhakra, Ganguwal and Kotla Power Stations.

रिहन्द तथा ओबरा विद्युत केन्द्रों की कुल विद्युत मात्रा

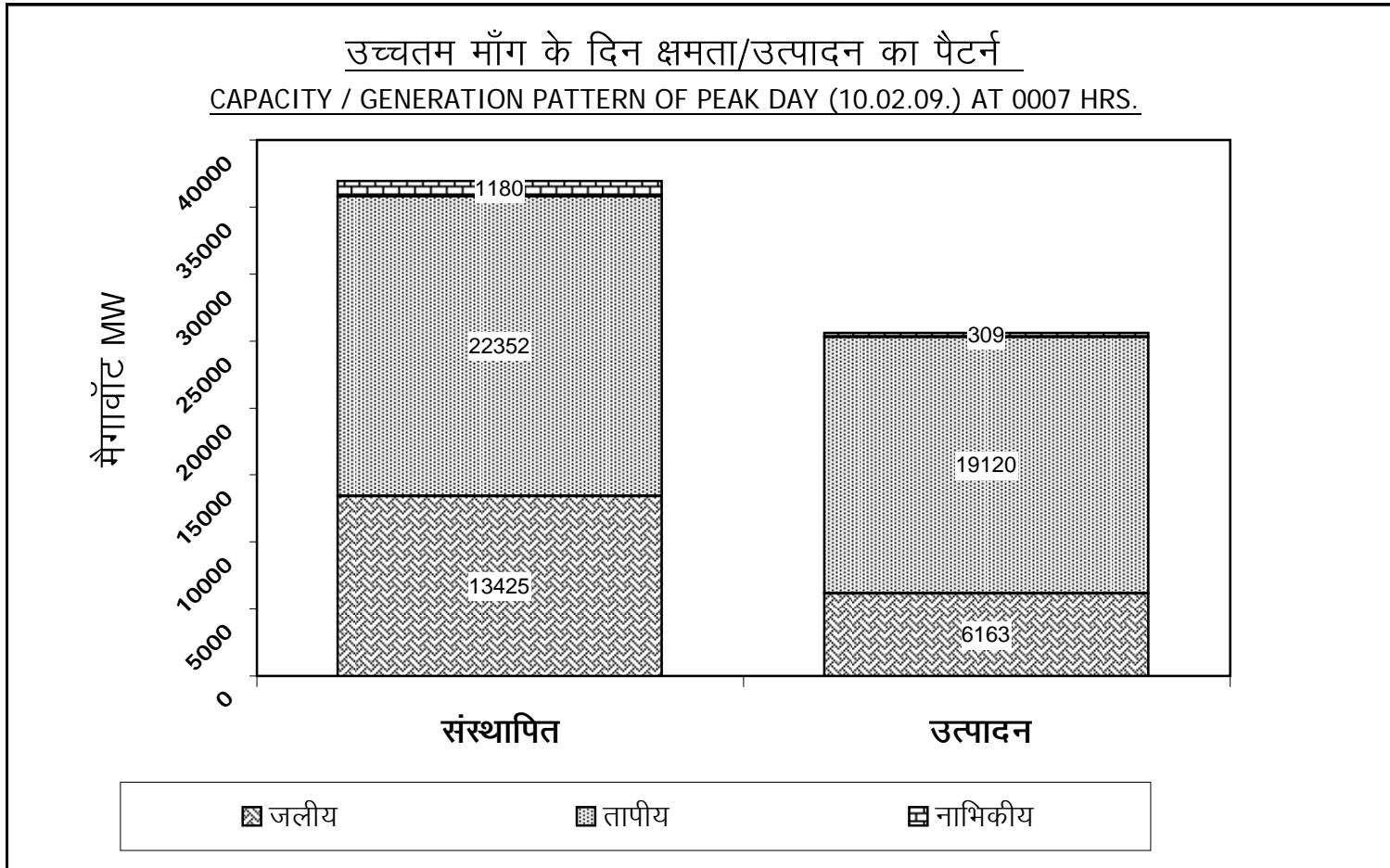
Total energy content at Rihand and Obra Power Stations.

राणाप्रताप सागर तथा जवाहर सागर विद्युत केन्द्रों की कुल विद्युत मात्रा

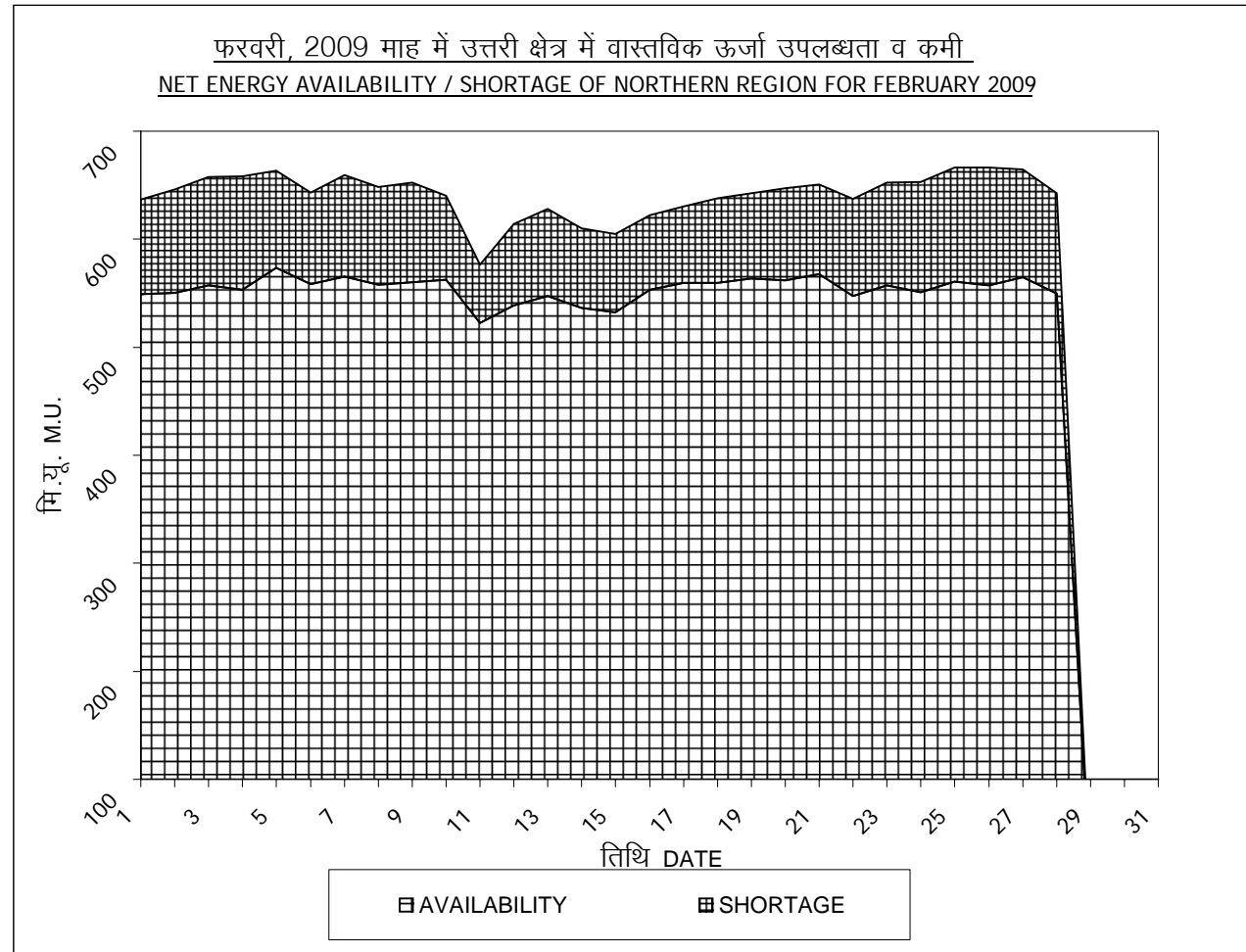
Total energy content at Rana Pratap Sagar and Jawahar Sagar Power Stations.

गौंधी सागर, राणाप्रताप सागर तथा जवाहर सागर विद्युत केन्द्रों की कुल विद्युत मात्रा

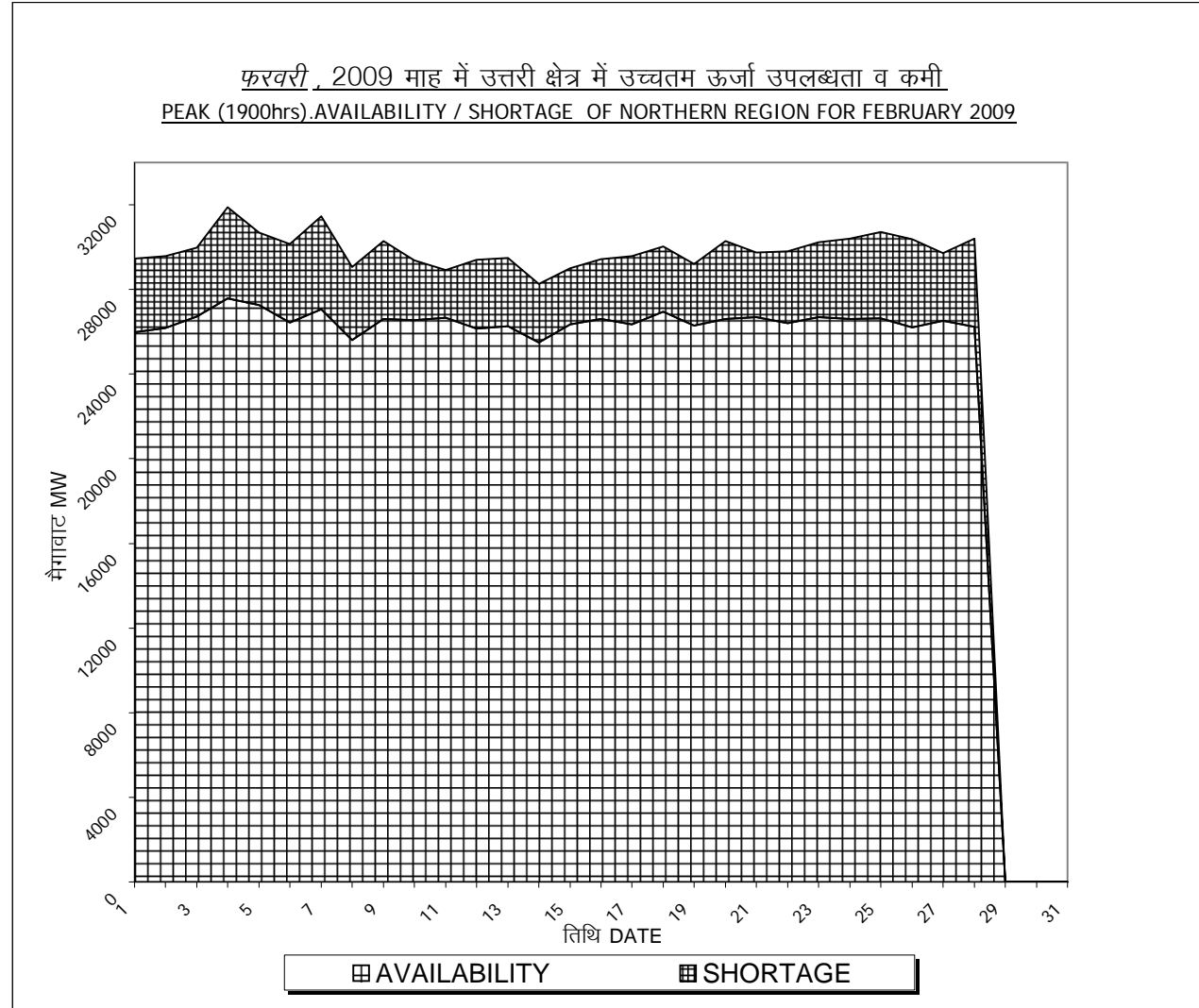
Total energy content at Gandhi Sagar, R. P. Sagar and Jawahar Sagar Power Stations



तिथि DATE	उपलब्धता AVAILABILITY	कमी SHORTAGE
1	549.03	87.57
2	550.53	95.25
3	557.24	100.35
4	553.04	105.43
5	573.34	90.12
6	558.30	85.10
7	565.16	93.97
8	557.84	90.55
9	560.22	91.99
10	562.60	77.49
11	522.35	54.13
12	538.53	75.84
13	547.18	80.78
14	536.34	73.68
15	532.29	72.43
16	553.09	69.12
17	559.52	71.09
18	559.69	78.30
19	563.39	78.92
20	561.87	85.59
21	567.63	82.87
22	547.33	89.93
23	557.08	95.24
24	551.01	101.88
25	560.53	106.01
26	557.40	108.91
27	564.60	99.98
28	549.55	92.83
29	*	*
30	*	*
31	*	*

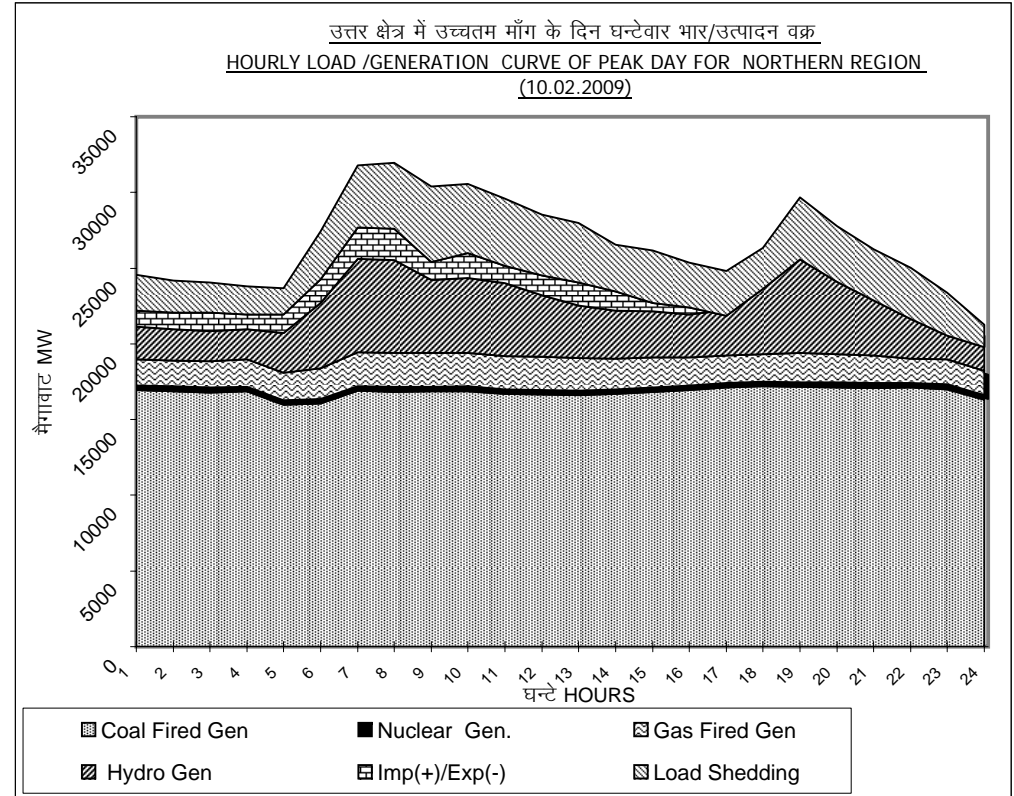


तिथि DATE	उपलब्धता AVAILABILITY	कमी SHORTAGE
1	25991	3465
2	26176	3386
3	26710	3269
4	27563	4317
5	27258	3427
6	26423	3729
7	27057	4402
8	25620	3438
9	26603	3688
10	26555	2823
11	26666	2255
12	26163	3234
13	26256	3234
14	25489	2782
15	26358	2645
16	26616	2813
17	26343	3239
18	26956	3065
19	26297	2895
20	26610	3686
21	26704	3042
22	26418	3385
23	26689	3529
24	26617	3782
25	26642	4083
26	26194	4176
27	26533	3184
28	26233	4162
29	*	*
30	*	*
31	*	*



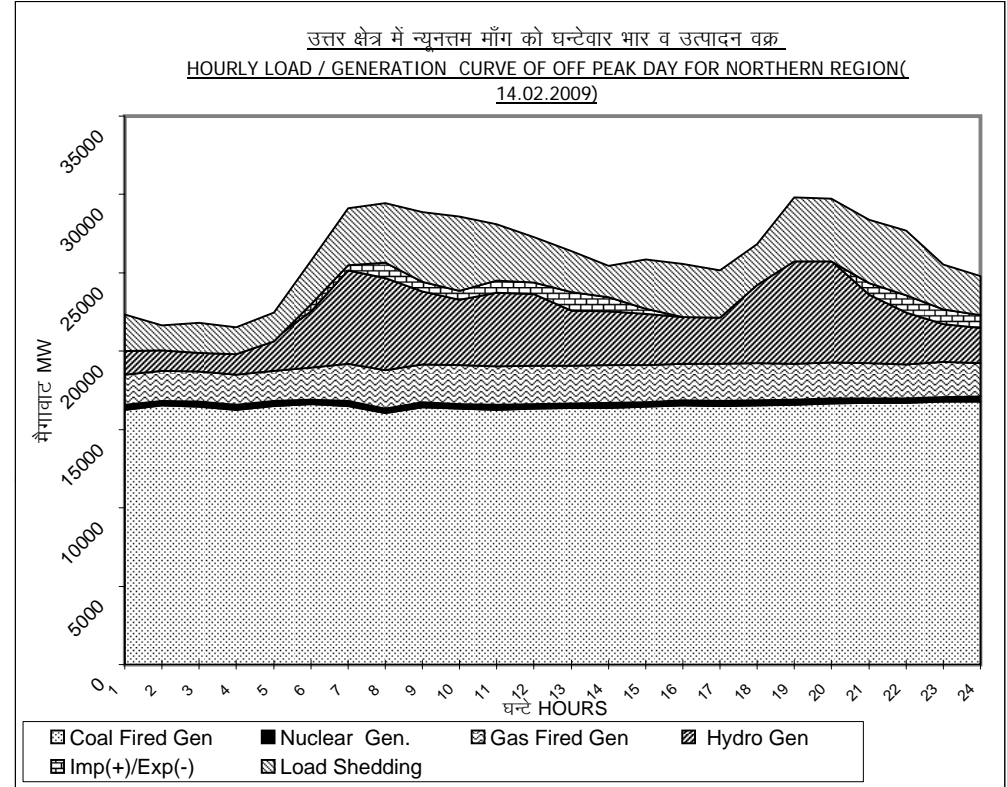
**Northern Region**

घन्टे	यिला जलितउत्पादन	नाभिकीय उत्पादन	गैसीय उत्पादन	जलीय उत्पादन	कुल उत्पादन	आयात/निर्यात	भार	कटौति
Hrs	Coal Fired Gen	Nuclear Gen.	Gas Fired Gen	Hydro Gen	Total Gen.	Imp(+)/Exp(-)	Demand Met	Load Shedding
1	16946	314	1723	2164	21147	1063	22210	2333
2	16880	309	1698	2099	20986	1065	22051	2142
3	16789	314	1742	2010	20855	1229	22084	1958
4	16854	314	1818	1987	20973	953	21926	1866
5	15976	307	1824	2601	20708	1210	21918	1759
6	16064	306	2000	4312	22682	1568	24250	3165
7	16891	311	2253	6163	25618	2052	27670	4124
8	16834	309	2266	6139	25548	2045	27593	4354
9	16850	307	2233	4819	24209	1206	25415	4968
10	16878	310	2223	4952	24363	1651	26014	4535
11	16694	307	2204	4800	24005	1141	25146	4446
12	16642	308	2189	4065	23204	1299	24503	4050
13	16607	305	2166	3451	22529	1539	24068	3918
14	16686	308	2030	3151	22175	1294	23469	3090
15	16820	306	1992	3011	22129	586	22715	3432
16	16956	305	1826	2858	21945	446	22391	2975
17	17101	306	1809	3017	22233	-392	21841	2951
18	17185	308	1821	4961	24275	-631	23644	2694
19	17147	311	1949	7310	26717	-1138	25579	4094
20	17139	311	1852	5740	25042	-941	24101	3659
21	17089	312	1835	4355	23591	-718	22873	3395
22	17106	310	1625	3504	22545	-897	21648	3377
23	16998	315	1685	2695	21693	-1144	20549	2827
24	16314	313	1609	2328	20564	-785	19779	1481



**Northern Region**

घन्टे	क्रोधला जलितउत्पादन	नाभिकीय उत्पादन	गैसीय उत्पादन	जलीय उत्पादन	कुल उत्पादन	आयात/निर्यात	भार	कटौति
Hrs	Coal Fired Gen	Nuclear Gen.	Gas Fired Gen	Hydro Gen	Total Gen.	Imp(+)/Exp(-)	Demand Met	Load Shedding
1	16257	311	1931	1943	20442	-421	20021	2333
2	16525	312	1924	1902	20663	-604	20059	1572
3	16478	311	1920	1880	20589	-688	19901	1928
4	16259	313	1921	1972	20465	-659	19806	1736
5	16495	313	1946	2039	20793	-171	20622	1829
6	16602	310	2040	3608	22560	422	22982	2808
7	16503	310	2385	5950	25148	354	25502	3616
8	16042	305	2420	5904	24671	970	25641	3821
9	16436	308	2403	4671	23818	596	24414	4468
10	16323	305	2473	4197	23298	572	23870	4708
11	16274	308	2460	4703	23745	754	24499	3608
12	16329	305	2432	4580	23646	734	24380	2918
13	16363	302	2411	3513	22589	1160	23749	2628
14	16396	306	2393	3431	22526	897	23423	2040
15	16453	303	2374	3251	22381	318	22699	3147
16	16549	302	2363	2950	22164	19	22183	3368
17	16517	300	2383	3281	22481	-334	22147	3028
18	16556	305	2373	5185	24419	-212	24207	2644
19	16583	306	2299	6986	26174	-456	25718	4076
20	16683	306	2305	6475	25769	-51	25718	4014
21	16688	304	2233	4378	23603	735	24338	4034
22	16686	308	2161	3307	22462	1121	23583	4088
23	16770	311	2218	2436	21735	943	22678	2827
24	16800	308	2141	2225	21474	814	22288	2506



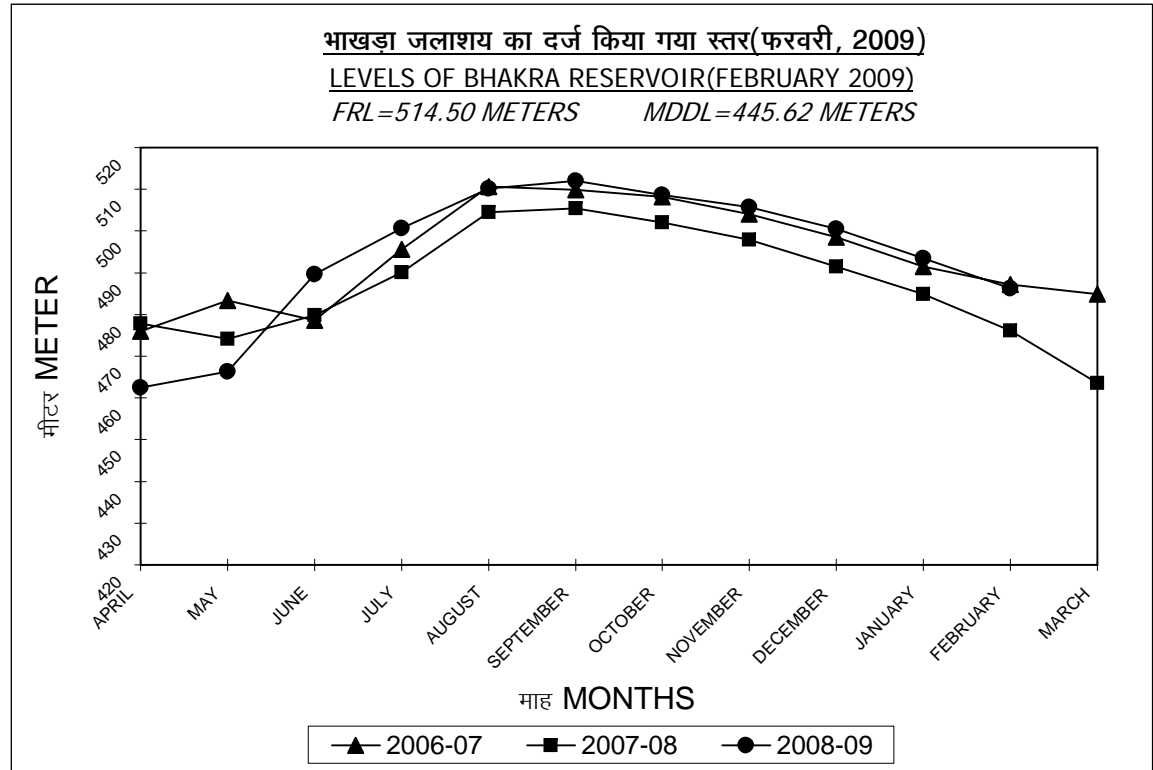
**BHAKRA**

**RESERVOIR LEVEL(on last day of the month in Mtrs.)**

MONTH	2008-09	2007-08	2006-07
APRIL	462.52	477.8	475.94
MAY	466.25	474.19	483.38
JUNE	489.65	479.83	478.64
JULY	500.68	490.06	495.62
AUGUST	510.21	504.47	510.65
SEPTEMBER	512.00	505.46	509.82
OCTOBER	508.69	502.08	508.13
NOVEMBER	505.66	497.92	504.10
DECEMBER	500.54	491.51	498.48
JANUARY	493.39	484.82	491.52
FEBRUARY	486.27	476.09	487.14
MARCH		463.59	484.81

**GENERATION (MU)**

MONTH	2008-09	2007-08	2006-07
APRIL	258.77	529.48	356.13
MAY	370.76	540.33	597.63
JUNE	460.42	536.10	768.64
JULY	742.41	647.57	574.92
AUGUST	890.49	659.58	745.66
SEPTEMBER	711.28	643.31	595.02
OCTOBER	660.63	495.26	445.61
NOVEMBER	456.29	458.91	454.07
DECEMBER	522.45	501.57	491.92
JANUARY	544.22	454.37	475.40
FEBRUARY	441.71	410.06	320.83
MARCH		447.55	365.71



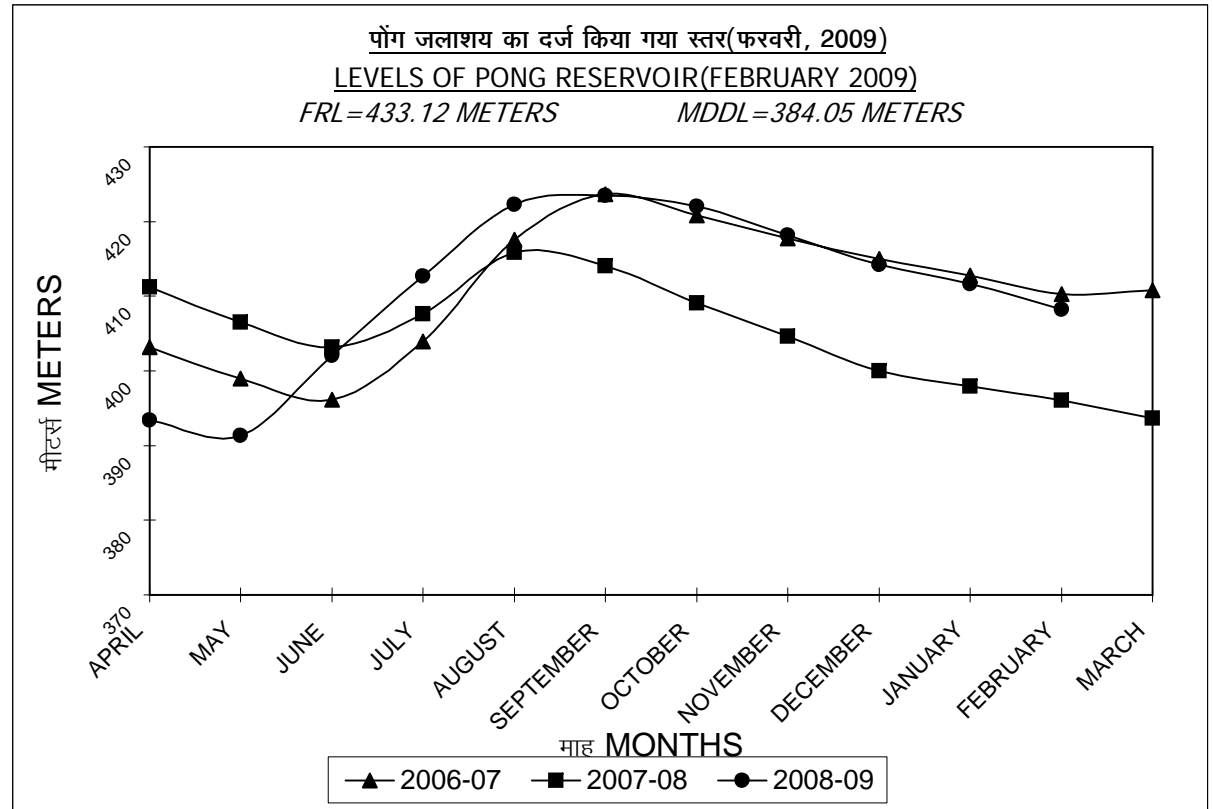
**PONG**

**RESERVOIR LEVEL(on last day of the month in Mtrs.)**

MONTH	2008-09	2007-08	2006-07
APRIL	393.4	411.21	403.16
MAY	391.34	406.53	398.96
JUNE	402.03	403.14	396.16
JULY	412.66	407.65	403.95
AUGUST	422.30	415.90	417.53
SEPTEMBER	423.48	414.08	423.63
OCTOBER	422.01	409.11	420.82
NOVEMBER	418.13	404.67	417.77
DECEMBER	414.26	399.97	414.99
JANUARY	411.64	397.95	412.77
FEBRUARY	408.22	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	53.92	215.81	154.96
JUNE	33.20	188.50	106.31
JULY	51.26	176.52	150.05
AUGUST	214.74	178.61	67.45
SEPTEMBER	125.91	220.41	81.44
OCTOBER	134.2	227.57	154.87
NOVEMBER	201.25	157.37	171.14
DECEMBER	196.77	139.99	151.96
JANUARY	125.49	65.01	104.66
FEBRUARY	140.64	59.28	114.81
MARCH		58.83	104.60

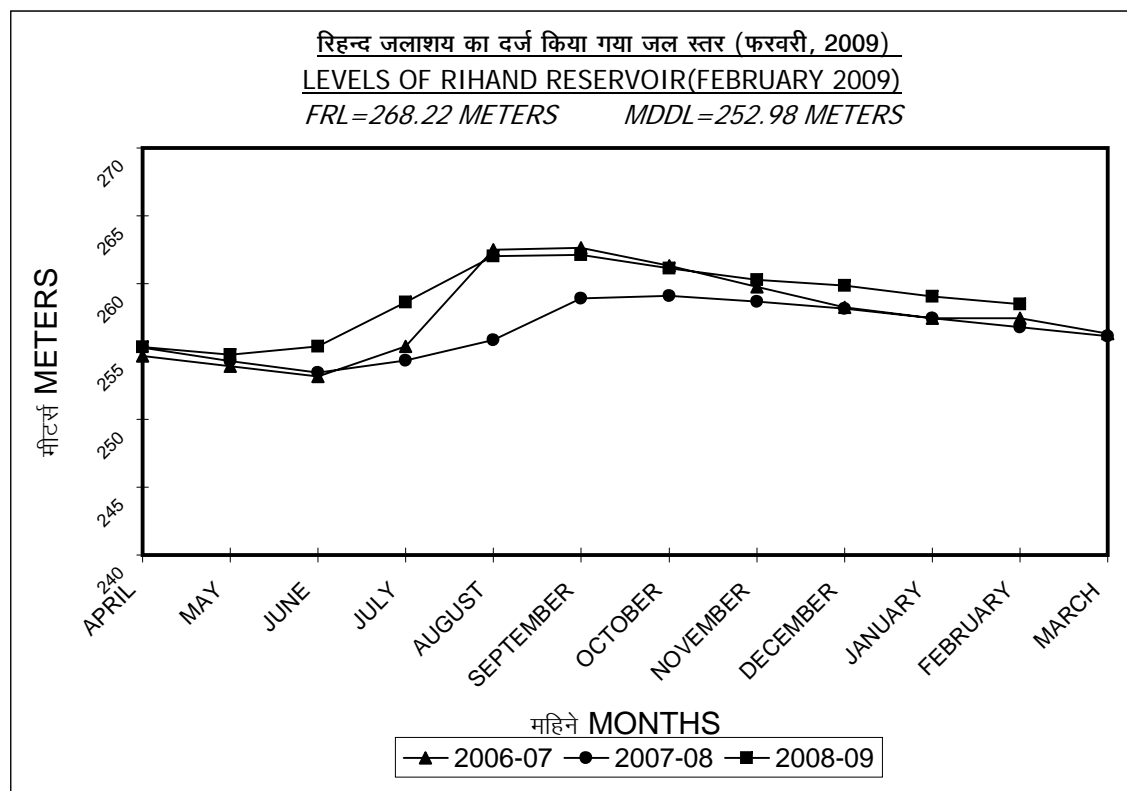


**RIHAND****RESERVOIR LEVEL (on last day of the month in Mtrs.)**

MONTH	2008-09	2007-08	2006-07
APRIL	255.33	255.3	254.69
MAY	254.75	254.29	253.90
JUNE	255.39	253.44	253.14
JULY	258.62	254.36	255.36
AUGUST	262.01	255.85	262.52
SEPTEMBER	262.13	258.90	262.62
OCTOBER	261.15	259.11	261.34
NOVEMBER	260.30	258.68	259.78
DECEMBER	259.87	258.17	258.26
JANUARY	259.05	257.46	257.46
FEBRUARY	258.47	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	13.12	32.59	21.10
JUNE	17.98	33.76	30.81
JULY	37.36	46.66	42.65
AUGUST	29.67	53.17	93.48
SEPTEMBER	67.20	18.70	100.23
OCTOBER	67.68	56.00	99.05
NOVEMBER	44.53	25.64	91.12
DECEMBER	19.81	23.20	70.26
JANUARY	38.92	31.36	35.76
FEBRUARY	23.05	27.93	17.80
MARCH		23.12	42.79

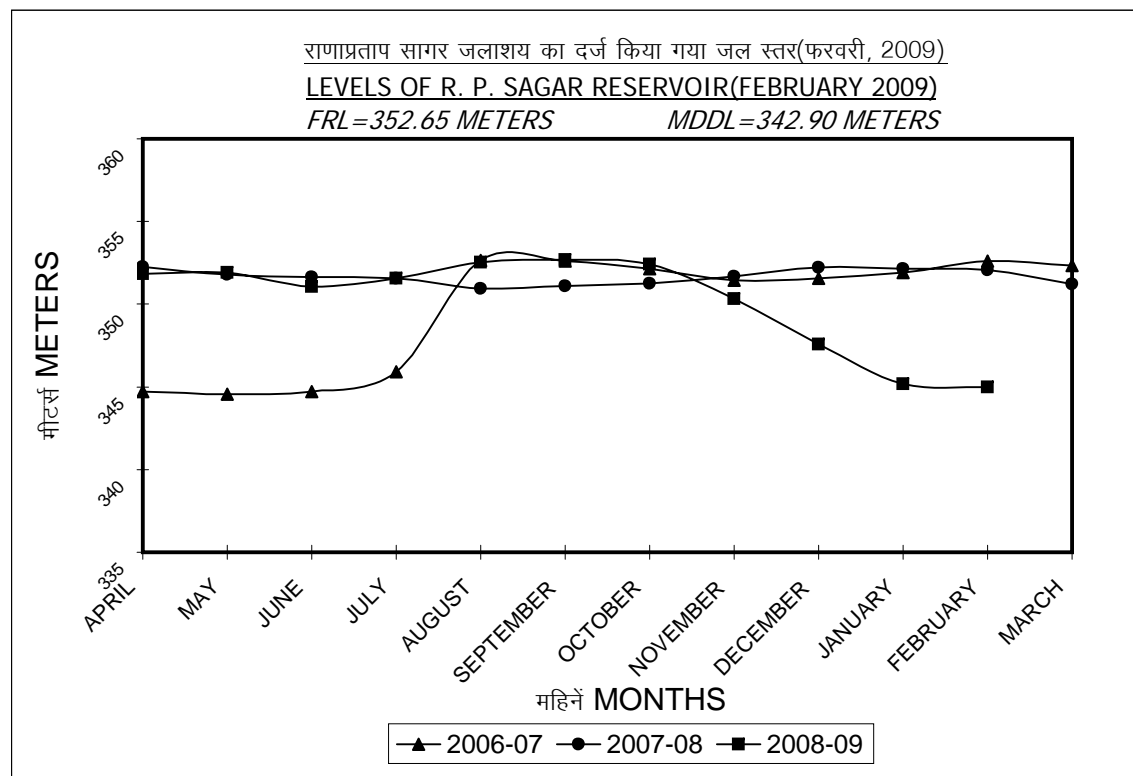


**R.P.SAGAR****RESERVOIR LEVEL (on last day of the month in Mtrs.)**

MONTH	2008-09	2007-08	2006-07
APRIL	351.82	352.27	344.72
MAY	351.93	351.79	344.54
JUNE	351.07	351.64	344.70
JULY	351.58	351.58	345.92
AUGUST	352.54	350.95	352.66
SEPTEMBER	352.67	351.10	352.59
OCTOBER	352.41	351.24	352.15
NOVEMBER	350.32	351.68	351.46
DECEMBER	347.56	352.24	351.57
JANUARY	345.16	352.14	351.91
FEBRUARY	344.98	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	0.37	29.12	0.06
JUNE	41.55	58.38	0.84
JULY	17.60	101.68	0.00
AUGUST	2.68	37.76	28.89
SEPTEMBER	6.04	49.24	80.34
OCTOBER	11.54	52.42	71.96
NOVEMBER	76.39	65.22	74.22
DECEMBER	72.34	63.84	74.22
JANUARY	57.64	71.66	75.20
FEBRUARY	16.73	65.79	50.85
MARCH		59.92	44.07

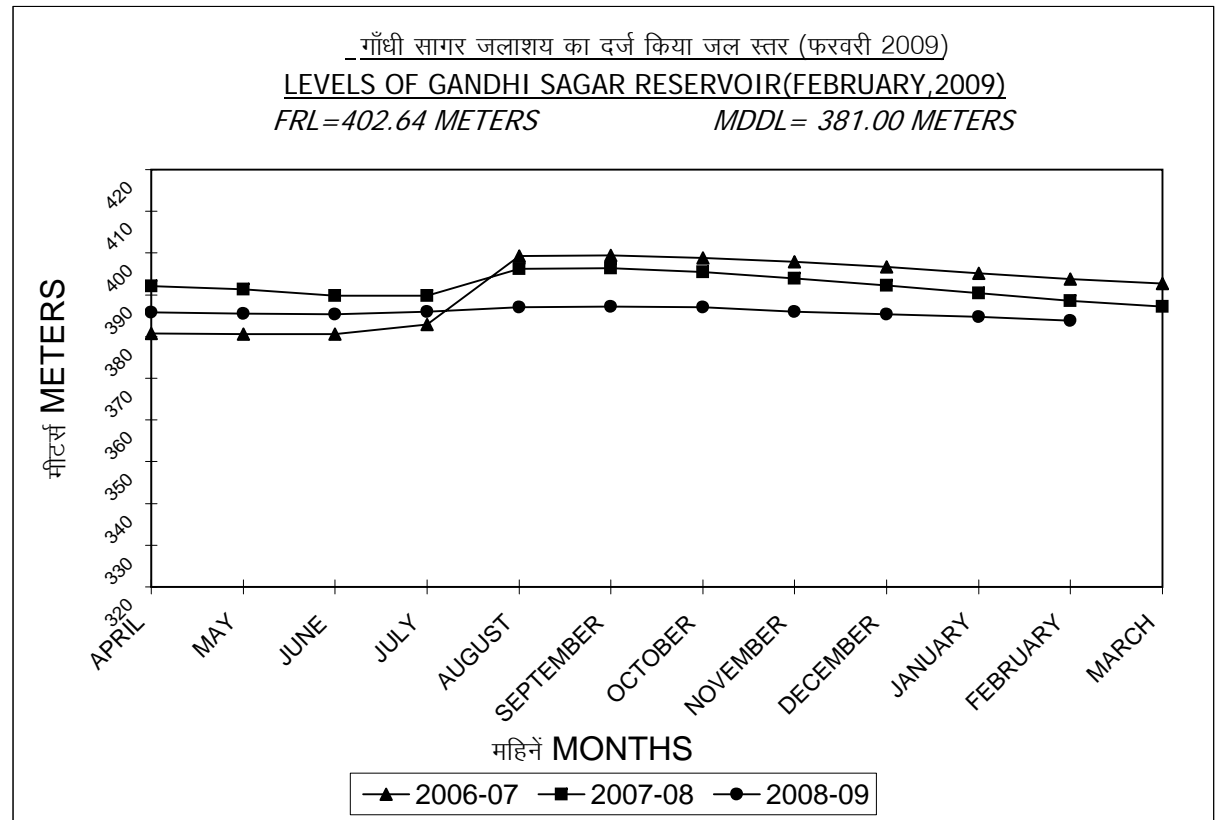


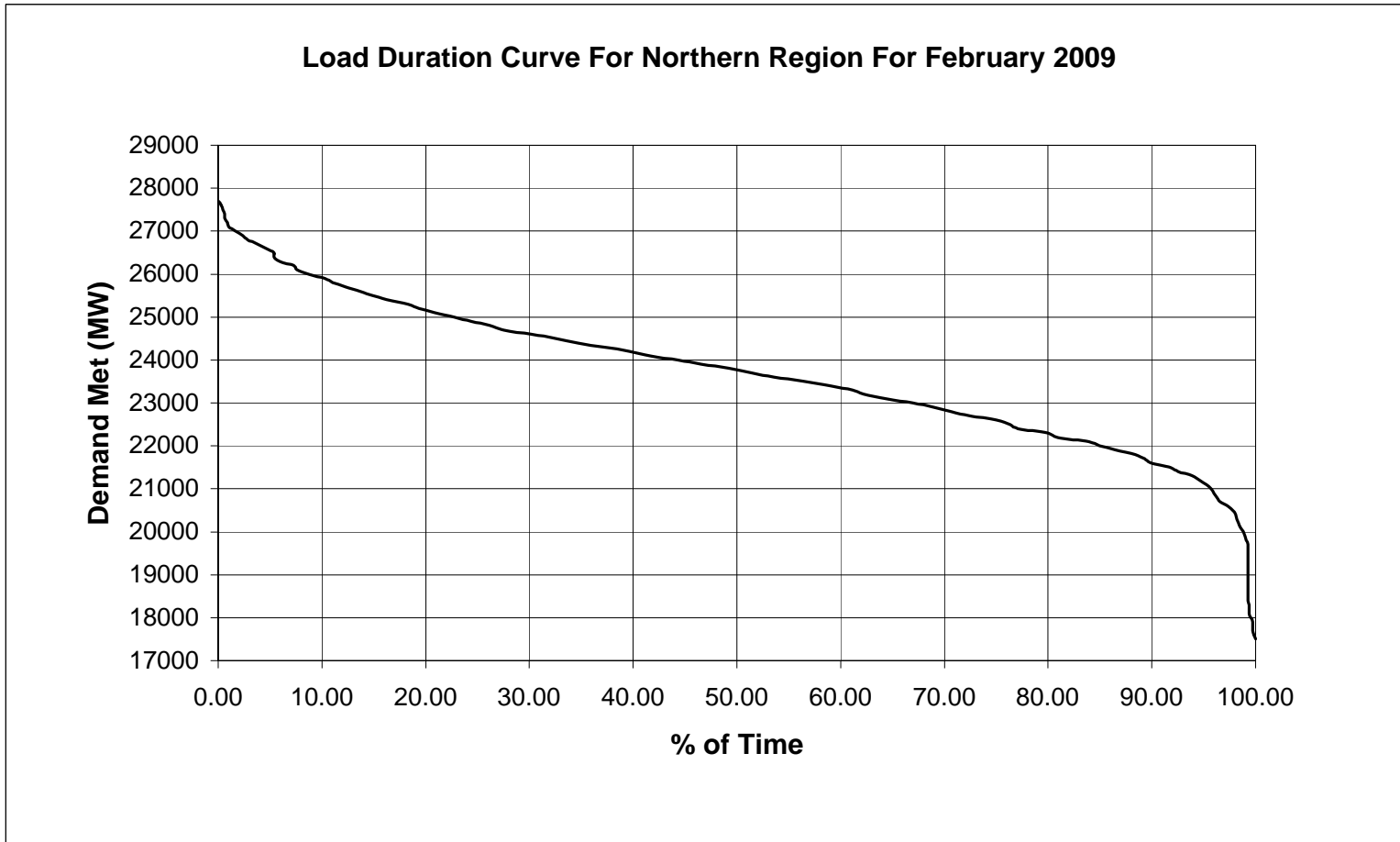
**GANDHI SAGAR****RESERVOIR LEVEL**(on last day of the month in Mtrs.)

MONTH	2008-09	2007-08	2006-07
APRIL	385.76	392.15	380.76
MAY	385.43	391.38	380.57
JUNE	385.32	389.81	380.57
JULY	385.88	389.76	382.92
AUGUST	386.98	396.30	399.27
SEPTEMBER	387.21	396.40	399.51
OCTOBER	386.96	395.44	398.77
NOVEMBER	385.95	393.95	397.87
DECEMBER	385.38	392.18	396.64
JANUARY	384.77	390.46	395.16
FEBRUARY	383.8	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	3.59	17.13	0.00
JUNE	11.22	39.79	0.00
JULY	10.19	39.60	1.20
AUGUST	1.66	41.07	33.03
SEPTEMBER	0.86	43.33	55.26
OCTOBER	3.91	53.62	54.74
NOVEMBER	17.55	65.53	53.92
DECEMBER	9.12	65.47	69.88
JANUARY	9.62	52.51	73.29
FEBRUARY	13.79	45.67	56.33
MARCH		27.35	33.95





**Frequency Duration Curve For Northern Region For February 2009**

Average Frequency: 49.45Hz

