



**I. Regional Availability/Demand:**

Evening Peak (20:00 Hrs) MW				Off Peak (03:00 Hrs) MW				Day Energy (Net MU)	
Demand Met	Shortage	Requirement	Freq* (Hz)	Demand Met	Shortage	Requirement	Freq* (Hz)	Demand Met	Shortage
39679	529	40208	50.08	43855	499	44354	50.03	1011.6	9.79

\* Half hourly (two 15 minutes block--one block each before and after the designated time) average frequency  
 II. A. State's Load Details (At States periphery) in MUs:

State	State's Control Area Generation (Net MU)				Drawal Schedule (Net MU)	Actual Drawal (Net MU)	UI (Net MU)	Consumption (Net MU)	Shortages * (MU)
	Thermal	Hydro	Renewable/others \$	Total					
Punjab	61.06	11.13		72.19	81.93	78.98	-2.95	151.16	0.00
Haryana	39.96	0.54		40.50	102.68	100.33	-2.35	140.83	0.00
Rajasthan	114.05	0.10	30.58	144.73	51.68	50.56	-1.12	195.29	0.00
Delhi	16.79			16.79	87.97	87.62	-0.35	104.41	0.02
UP	163.47	10.60		174.07	137.53	136.62	-0.90	310.69	0.00
Uttarakhand		16.30		16.30	22.08	20.05	-2.04	36.34	0.00
HP		18.08		18.08	6.57	5.99	-0.58	24.07	0.13
J & K		19.45	0.00	19.45	20.05	23.65	3.60	43.10	9.64
Chandigarh				0.00	5.79	5.75	0.27	5.75	0.00
<b>Total</b>	<b>395.32</b>	<b>76.19</b>	<b>30.58</b>	<b>502.09</b>	<b>516.27</b>	<b>509.55</b>	<b>-6.42</b>	<b>1011.64</b>	<b>9.79</b>

\* Shortage furnished by the respective constituent.\$ Others include UP Co-generation and JK Diesel

**II. B. State's Demand Met in MWs:**

State	Evening Peak (20:00 Hrs) MW				Off Peak (03:00 Hrs) MW				Max Demand Met of Day		
	Demand Met	Shortage	UI	STOA/PX transaction	Demand Met	Shortage	UI	STOA/PX transaction	MW	Time	Shortage that time
Punjab	3258	0	-1156	-177	6390	0	61	263	7377	16:00	0
Haryana	6390	0	-135	236	6465	0	-109	455	6880	1:00	0
Rajasthan	7581	0	-46	124	8304	0	260	-6	8702	8:00	0
Delhi	4354	0	-36	278	4340	0	152	-73	5047	17:00	0
UP	13216	0	87	836	13997	80	-153	1685	14214	5:00	0
Uttarakhand	1749	40	35	437	1541	0	-11	398	1775	21:00	0
HP	946	0	-15	-1246	925	0	-15	-1212	1228	8:00	0
J&K	1957	489	32	-545	1677	419	107	-570	2027	6:00	507
Chandigarh	228	0	-30	0	217	0	-4	0	312	15:00	0
<b>Total</b>	<b>39679</b>	<b>529</b>	<b>-1264</b>	<b>-56</b>	<b>43855</b>	<b>499</b>	<b>288</b>	<b>942</b>	<b>45660</b>	<b>1:00</b>	<b>447</b>

\* STOA figures are at sellers boundary & PX figures are at regional boundary. # figures may not be at simultaneous hour.

**III. Regional Entities :**

Entity	Station/ Constituent	Inst. Capacity (Effective) MW	Declared Capacity(MW)	Peak MW (Gross)	Off Peak MW (Gross)	Energy (Net MU)	Average Sentout(MW)	Schedule Net MU	UI Net MU	Diversity is 1.04 UI (OG:+ve), UG: (-ve)
	Rihand I STPS (2*500)	1000	764	691	636	15.90	662	15.36	0.54	
	Rihand II STPS (2*500)	1000	959	790	974	20.93	872	20.63	0.31	
	Rihand III STPS (2*500)	1000	959	812	819	20.97	874	21.09	-0.12	
	Dadri I STPS (4*210)	840	805	450	452	10.07	419	10.31	-0.25	
	Dadri II STPS (2*490)	980	970	679	724	15.90	662	16.51	-0.61	
	Unchahar I TPS (2*210)	420	350	277	287	6.23	260	6.14	0.09	
	Unchahar II TPS (2*210)	420	400	306	278	6.58	274	6.80	-0.22	
	Unchahar III TPS (1*210)	210	200	153	131	3.21	134	3.42	-0.21	
	ISTPP (Jhajjar) (3*500)	1500	1425	981	937	22.15	923	22.45	-0.31	
	Dadri GPS (4*130.19+2*154.51)	830	778	382	330	8.81	367	9.14	-0.33	
	Anta GPS (3*88.71+1*153.2)	419	391	223	204	5.21	217	5.63	-0.42	
	Auraiya GPS (4*111.19+2*109.30)	663	595	148	145	3.50	146	3.51	-0.01	
	Dadri Solar(5)	5	1	0	0	0.02	1	0.02	0.00	
	Unchahar Solar(10)	10	2	0	0	0.04	2	0.05	-0.01	
	Singrauli Solar(15)	15	3	0	0	0.07	3	0.07	0.00	
	KHEP(4*200)	800	872	870	654	13.81	575	13.50	0.31	
	<b>Sub Total (A)</b>	<b>12112</b>	<b>10863</b>	<b>7988</b>	<b>7886</b>	<b>184</b>	<b>7686</b>	<b>184</b>	<b>0</b>	
<b>B. NPC</b>	NAPS (2*220)	440	376	195	195	4.60	192	9.02	-4.42	
	RAPS- B (2*220)	440	370	421	417	8.92	371	6.50	2.42	
	RAPS- C (2*220)	440	415	441	442	9.47	394	9.96	-0.50	
	<b>Sub Total (B)</b>	<b>1320</b>	<b>1161</b>	<b>1057</b>	<b>1054</b>	<b>22.98</b>	<b>958</b>	<b>25.48</b>	<b>-2.50</b>	
<b>C. NHPC</b>	Chamera I HPS (3*180)	540	535	542	0	8.43	351	8.26	0.17	
	Chamera II HPS (3*100)	300	300	303	303	7.24	302	7.20	0.04	
	Chamera III HPS (3*77)	231	231	227	235	5.52	230	5.54	-0.02	
	Bairasuli HPS(3*60)	180	179	184	0	2.82	117	2.75	0.07	
	Salal-HPS (6*115)	690	648	668	669	16.08	670	15.52	0.56	
	Tanakpur-HPS (3*31.4)	94	28	43	57	0.77	32	0.67	0.10	
	Uri-I HPS (4*120)	480	475	477	478	11.58	483	11.40	0.18	
	Uri-II HPS (4*60)	240	237	242	241	5.75	239	5.69	0.06	
	Dhauliganga-HPS (4*70)	280	280	140	72	2.74	114	2.55	0.19	
	Dulhasti-HPS (3*130)	390	387	406	405	9.52	397	9.28	0.24	
	Sewa-II HPS (3*40)	120	119	124	0	1.28	54	1.25	0.04	
	Parbati 3 (4*130)	520	367	360	131	2.38	99	2.40	-0.03	
	<b>Sub Total (C)</b>	<b>4065</b>	<b>3787</b>	<b>3715</b>	<b>2591</b>	<b>74</b>	<b>3087</b>	<b>73</b>	<b>2</b>	
<b>D.SJVNL</b>	NJPC (6*250)	1500	1605	1605	1578	37.01	1542	37.07	-0.05	
	Rampur HEP (6*68.67)	412	375	372	373	8.88	370	8.90	-0.03	
	<b>Sub Total (D)</b>	<b>1912</b>	<b>1980</b>	<b>1977</b>	<b>1951</b>	<b>45.89</b>	<b>1912</b>	<b>45.97</b>	<b>-0.08</b>	
<b>E. THDC</b>	Tehri HPS (4*250)	1000	309	249	0	3.24	135	3.26	-0.02	
	Koteshwar HPS (4*100)	400	50	98	0	1.22	51	1.21	0.01	
	<b>Sub Total (E)</b>	<b>1400</b>	<b>360</b>	<b>347</b>	<b>0</b>	<b>4.46</b>	<b>186</b>	<b>4.47</b>	<b>-0.01</b>	
<b>F. BBMB</b>	Bhakra HPS (2*108+3*126+5*157)	1379	641	1157	373	15.59	650	15.39	0.20	

	Dehar HPS (6*165)	990	612	660	600	14.87	620	14.69	0.18
	Pong HPS (6*66)	396	108	255	51	2.53	106	2.60	-0.07
	<b>Sub Total (F)</b>	<b>2765</b>	<b>1362</b>	<b>2072</b>	<b>1024</b>	<b>32.99</b>	<b>1375</b>	<b>32.68</b>	<b>0.31</b>
<b>G. IPP(s)/JV(s)</b>	ADHPL(IPP) (2*96)	192	0	122	185	3.33	139	3.55	-0.22
	KWHEP(IPP) (4*250)	1000	0	781	1050	20.99	875	21.12	-0.12
	Malana Stg-II HPS (2*50)	100	0	111	60	1.26	52	1.18	0.07
	Shree Cement TPS (2*150)	300	0	147	147	3.47	145	4.04	-0.57
	Budhil HPS(IPP) (2*35)	70	0	39	39	0.91	38	0.93	-0.02
	Sub Total (G )	1662	0	1200	1480	29.96	1248	30.83	-0.87
	<b>H. Total Regional Entities (A-G)</b>	<b>25237</b>	<b>19513</b>	<b>18357</b>	<b>15986</b>	<b>394.83</b>	<b>16451</b>	<b>396.29</b>	<b>-1.46</b>

I. State Entities	Station	Effective Installed Capacity (MW)	Peak MW	Off Peak MW	Energy(MU)	Average(Sentout MW)
Punjab	Guru Gobind Singh TPS (Ropar) (6*210)	1260	551	340	9.88	412
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	100	100	2.36	99
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	516	366	10.78	449
	Goindwal(GVK) (2*270)	540	0	0	0.00	0
	Rajpura (2*700)	1400	330	1320	25.71	1071
	Talwandi Saboo (3*660)	1980	308	614	12.32	513
	<b>Thermal (Total)</b>	<b>6560</b>	<b>1805</b>	<b>2740</b>	<b>61.06</b>	<b>2544</b>
	Total Hydro	1000	329	477	11.13	464
	<b>Total Punjab</b>	<b>7560</b>	<b>2134</b>	<b>3217</b>	<b>72.19</b>	<b>3008</b>
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	567	568	12.80	533
	DCRTPP (Yamuna nagar) (2*300)	600	233	274	5.64	235
	Faridabad GPS (NTPC)(2*137.75+1*156)	432	188	192	3.93	164
	RGTPP (khedar) (IPP) (2*600)	1200	751	745	17.59	733
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	0	0	0.00	0
	<b>Thermal (Total)</b>	<b>4944</b>	<b>1739</b>	<b>1779</b>	<b>39.96</b>	<b>1665</b>
	Total Hydro	62	23	23	0.54	22
	<b>Total Haryana</b>	<b>5006</b>	<b>1762</b>	<b>1802</b>	<b>40.50</b>	<b>1687</b>
Rajasthan	kota TPS (2*110+2*195+3*210)	1240	822	695	18.61	775
	suratgarh TPS (6*250)	1500	598	762	16.10	671
	Chabra TPS (4*250)	1000	749	692	18.54	772
	Dholpur GPS (3*110)	330	97	99	2.49	104
	Ramgarh GPS(1*37.5 + 1*35.5 +2*37.5 +1*110 +1*50)	271	155	152	3.80	158
	RAPS A (NPC) (1*100+1*200)	300	0	0	0.00	0
	Barsingar (NLC) (2*125)	250	81	82	1.88	78
	Giral LTPS (2*125)	250	0	0	0.00	0
	Rajwest LTPS (IPP) (8*135)	1080	392	544	10.57	441
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(2*600)	1200	708	814	19.24	802
	Kawai(Adani) (2*660)	1320	864	861	22.82	951
	<b>Thermal (Total)</b>	<b>8876</b>	<b>4466</b>	<b>4701</b>	<b>114</b>	<b>4752</b>
	Total Hydro	550	0	11	0.10	4
	Wind power	3214	811	1441	26.43	1101
	Biomass	99	26	26	0.61	26
	Solar	730	0	0	3.54	148
	Renewable/Others (Total)	4043	837	1467	30.58	1274
	<b>Total Rajasthan</b>	<b>13469</b>	<b>5303</b>	<b>6179</b>	<b>144.73</b>	<b>6030</b>
	UP	Anpara TPS (3*210+2*500)	1630	1392	1401	33.50
Obra TPS (2*50+2*94+5*200)		1194	608	475	13.30	554
Paricha TPS (2*110+2*220+2*250)		1160	739	896	22.00	917
Panki TPS (2*105)		210	131	131	3.10	129
Harduaganj TPS (1*60+1*105+2*250)		665	455	324	11.30	471
Tanda TPS (NTPC) (4*110)		440	340	396	8.27	345
Roza TPS (IPP) (4*300)		1200	738	1099	20.50	854
Anpara-C (IPP) (2*600)		1200	1080	1080	24.00	1000
Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)		450	283	405	7.20	300
Anpara-D(2*500)		1000	0	0	0.00	0
Lalitpur TPS(3*660)		1980	356	494	9.40	392
Bara(2*660)		1320	360	349	8.50	354
<b>Thermal (Total)</b>		<b>12449</b>	<b>6482</b>	<b>7050</b>	<b>161</b>	<b>6711</b>
Vishnuparyag HPS (IPP)(4*110)		440	345	335	7.40	308
Alakanada(4*82.5)		330	150	83	2.40	100
Other Hydro		527	48	10	0.80	33
Cogeneration		981	100	100	2.40	100
<b>Total UP</b>	<b>14727</b>	<b>7125</b>	<b>7578</b>	<b>174</b>	<b>7253</b>	
Uttarakhand	Total Hydro	1398	629	625	16.30	679
	<b>Total Uttarakhand</b>	<b>1398</b>	<b>629</b>	<b>625</b>	<b>16.30</b>	<b>679</b>
Delhi	Rajghat TPS (2*67.5)	135	0	0	0.00	0
	Delhi Gas Turbine (6x30 + 3x34)	282	71	72	1.81	75
	Pragati Gas Turbine (2x104+ 1x122)	330	141	142	3.19	133
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	251	250	6.10	254
	Badarpur TPS (NTPC) (3*95+2*210)	705	182	320	5.70	237
	Thermal (Total)	2917	645	784	16.79	700
	<b>Total Delhi</b>	<b>2917</b>	<b>645</b>	<b>784</b>	<b>16.79</b>	<b>700</b>
HP	Baspa HPS (IPP) (3*100)	300	331	331	7.61	317
	Malana HPS (IPP) (2*43)	86	21	91	1.17	49
	Other Hydro	878	363	396	9.30	387
	<b>Total HP</b>	<b>1264</b>	<b>715</b>	<b>818</b>	<b>18.08</b>	<b>753</b>
J & K	Baglihar HPS (IPP) (3*150+2*150)	750	735	735	17.20	716
	Other Hydro/IPP	560	118	82	2.25	94
	Gas/Diesel/Others	190	0	0	0.00	0
	<b>Total J &amp; K</b>	<b>1500</b>	<b>853</b>	<b>817</b>	<b>19.45</b>	<b>810</b>
<b>Total State Control Area Generation</b>		<b>47841</b>	<b>19166</b>	<b>21819</b>	<b>502.09</b>	<b>20921</b>
<b>J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]</b>			<b>4510</b>	<b>6430</b>	<b>123.47</b>	<b>5145</b>
<b>Total Regional Availability(Gross)</b>		<b>73078</b>	<b>42033</b>	<b>44236</b>	<b>1020.39</b>	<b>42516</b>

#### IV. Total Hydro Generation:

Regional Entities Hydro	12234	9995	7514	196.83	8201
State Control Area Hydro	6881	3092	3199	76	3175

Total Regional Hydro	19115	13087	10713	273.02	11376
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V(A). Inter Regional Exchange [Import (+ve)/Export (-ve)] [Linkwise]

Element	Peak(20:00 Hrs)	Off Peak(03:00 Hrs)	Maximum Interchange (MW)		Energy (MU)		Net Energy MU
	MW	MW	Import	Export	Import	Export	
Vindhychal(HVDC B/B)	-100	50	200	100	1.37	0.55	0.83
765 KV Gwalior-Agra (D/C)	2218	3040	3040	0	56.49	0.00	56.49
400 KV Zerda-Kankroli	-284	-260	0	445	0.00	7.71	-7.71
400 KV Zerda-Bhinmal	-207	-209	0	409	0.00	5.91	-5.91
220 KV Auraiya-Malanpur	-74	22	0	74	0.00	0.58	-0.58
220 KV Badod-Kota/Morak	-83	43	59	170	0.00	0.67	-0.67
Mundra-Mohindergarh(HVDC Bipole)	2002	2297	2305	0	54.05	0.00	54.05
400 KV Vindhychal - Rihand	0	0	0	0	0.00	0.00	0.00
765 kv Phagi-Gwalior (D/C)	90	287	343	207	3.73	0.00	3.73
<b>Sub Total WR</b>	<b>3562</b>	<b>5270</b>			<b>115.64</b>	<b>15.42</b>	<b>100.22</b>
Pusauli Bypass/HVDC	400	400	400	0	9.08	0.00	9.08
400 KV MZP- GKP (D/C)	-45	-18	113	160	0.00	0.51	-0.51
400 KV Patna-Balia(D/C) X 2	157	229	430	0	5.62	0.00	5.62
400 KV B'Sharif-Balia (D/C)	-50	44	44	137	0.00	0.17	-0.17
765 KV Gaya-Balia	145	284	284	0	2.40	0.00	2.40
765 KV Gaya-Varanasi (D/C)	-162	-223	0	255	0.00	2.50	-2.50
220 KV Pusauli-Sahupuri	171	159	224	0	4.41	0.00	4.41
132 KV K'nasa-Sahupuri	0	0	0	0	0.00	0.00	0.00
132 KV Son Ngr-Rihand	-24	-24	0	27	0.00	0.50	-0.50
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	-306	-338	0	412	0.00	7.05	-7.05
400 KV Barh -GKP (D/C)	298	282	362	0	6.26	0.00	6.26
400 kvB'Sharif - Varanasi (D/C)	-122	-121	0	339	0.00	5.37	-5.37
<b>Sub Total ER</b>	<b>462</b>	<b>674</b>			<b>27.75</b>	<b>16.10</b>	<b>11.65</b>
+/- 800 KV BiswanathChariali-Agra	486	486	487	0	11.60	0.00	11.60
<b>Sub Total NER</b>	<b>486</b>	<b>486</b>			<b>11.60</b>	<b>0.00</b>	<b>11.60</b>
<b>Total IR Exch</b>	<b>4510</b>	<b>6430</b>			<b>154.99</b>	<b>31.52</b>	<b>123.47</b>

V(B). Inter Regional Schedule & Actual Exchanges [Import (+ve)/Export (-ve)] [Corridor wise]

ISGS/LT Schedule (MU)			Bilateral Schedule (MU)		Power Exchange Shdl (MU)		Wheeling (MU)	
ER	Bhutan	Total	Through ER	Through WR	Through ER	Through WR	Through ER	Through WR
34.10	0.79	34.89	-4.82	-0.68	-0.20	0.00	0.00	0.00

Total IR Schedule (MU)			Total IR Actual (MU)			Net IR UI (MU)		
Through ER	Through WR Inclds Mndra	Total	Through ER(including NER)	Through WR	Total	Through ER (including NER)	Through WR	Total
29.86	110.93	140.79	23.25	100.22	123.47	-6.62	-10.71	-17.32

V(C). Inter National Exchange with Nepal [Import (+ve)/Export (-ve)] [Linkwise]

Element	Peak(20:00 Hrs)	Off Peak(03:00 Hrs)	Maximum Interchange (MW)		Energy (MU)		Net Energy MU
	MW	MW	Import	Export	Import	Export	
132 KV Tanakpur - Mahendarnagar	-31	-30	0	32	0	1	-0.70

VI. Frequency Profile <----- % of Time Frequency ----->

<49.2	<49.7	<49.8	<49.9	<50.0	49.9-50.05	50.05-50.10	50.10-50.20	>50.20	>50.50
0.00	0.00	0.36	6.42	47.30	75.16	14.98	3.48	0.00	0.00

<----- Frequency (Hz) ----->				Average Frequency	Frequency Variation	Std. Dev.	Frequency in 15 Min Block		Freq Dev Index (% of Time)
Maximum		Minimum					MAX	MIN	
Freq	Time	Freq	Time	Hz	Index	(Hz)	(Hz)		
50.17	6.00	49.77	19.09	50.00	0.036	0.060	50.20	49.90	24.84

VII. Voltage profile 400 kV

Station	Voltage Level (kV)	Maximum		Minimum		Voltage (in % of Time)				Voltage Deviation Index
		Voltage(KV)	Time	Voltage (KV)	Time	<380 kV	<390 kV	>420 kV	>430 kV	
Rihand	400	411	19:55	404	10:38	0.0	0.0	0.0	0.0	0.0
Gorakhpur	400	418	8:03	403	1:58	0.0	0.0	0.0	0.0	0.0
Bareilly(PG)400kV	400	416	8:01	396	0:22	0.0	0.0	0.0	0.0	0.0
Kanpur	400	416	7:02	401	0:21	0.0	0.0	0.0	0.0	0.0
Dadri	400	416	6:00	401	15:33	0.0	0.0	0.0	0.0	0.0
Ballabgarh	400	421	6:00	404	14:40	0.0	0.0	0.9	0.0	0.9
Bawana	400	414	4:35	402	0:23	0.0	0.0	0.0	0.0	0.0
Bassi	400	421	18:01	397	0:00	0.0	0.0	0.8	0.0	0.8
Hissar	400	411	6:00	397	0:00	0.0	0.0	0.0	0.0	0.0
Moga	400	409	18:06	396	15:30	0.0	0.0	0.0	0.0	0.0
Abdullapur	400	413	5:59	402	0:00	0.0	0.0	0.0	0.0	0.0
Nalagarh	400	417	18:23	398	14:38	0.0	0.0	0.0	0.0	0.0
Kishenpur	400	409	4:01	398	15:33	0.0	0.0	0.0	0.0	0.0
Wagoora	400	405	3:32	385	6:34	0.0	15.9	0.0	0.0	0.0
Amritsar	400	418	18:47	394	14:39	0.0	0.0	0.0	0.0	0.0
Kashipur	400	419	8:01	409	0:18	0.0	0.0	0.0	0.0	0.0
Hamirpur	400	413	18:23	391	15:34	0.0	0.0	0.0	0.0	0.0
Rishikesh	400	407	13:02	383	0:51	0.0	13.2	0.0	0.0	0.0

VIII. Voltage profile 765 kV

Station	Voltage Level (kV)	Maximum		Minimum		Voltage (in % of Time)				Voltage Deviation Index
		Voltage(KV)	Time	Voltage (KV)	Time	<728 kV	<742 kV	>800 kV	>820 kV	
Fatehpur	765	782	18:00	751	22:43	0.0	0.0	0.0	0.0	0.0
Balia	765	780	17:32	754	2:06	0.0	0.0	0.0	0.0	0.0
Moga	765	785	6:02	761	0:21	0.0	0.0	0.0	0.0	0.0
Agra	765	789	18:29	756	0:23	0.0	0.0	0.0	0.0	0.0
Bhiwani	765	790	5:57	761	22:27	0.0	0.0	0.0	0.0	0.0
Unnao	765	773	8:04	744	0:43	0.0	0.0	0.0	0.0	0.0
Lucknow	765	786	8:04	755	0:35	0.0	0.0	0.0	0.0	0.0
Meerut	765	796	8:01	766	22:47	0.0	0.0	0.0	0.0	0.0
Jhatikara	765	791	6:02	759	22:28	0.0	0.0	0.0	0.0	0.0
Bareilly 765 kV	765	785	8:04	750	0:21	0.0	0.0	0.0	0.0	0.0
Anta	765	780	18:01	761	22:39	0.0	0.0	0.0	0.0	0.0
Phagi	765	784	17:59	733	14:58	0.0	0.1	0.0	0.0	0.0

Note : '0' in Max / Min Col -> Telemetry Outage

IX. Reservoir Parameters:

Name of Reservoir	Parameters		Present Parameters		Last Year		Last day	
	FRL (m)	MDDL (m)	Level (m)	Energy (MU)	Level (m)	Energy (MU)	Inflow (m <sup>3</sup> /s)	Usage (m <sup>3</sup> /s)
Bhakra	513.59	445.62	474.68	345.61	485.65	602.35	842.17	559.82
Pong	426.72	384.05	392.97	93.10	405.35	352.07	36.78	208.02
Tehri	829.79	740.04	741.40	6.54	757.90	105.63	129.18	126.00
Koteshwar	612.50	598.50	606.02	2.77	611.20	5.17	126.00	80.22
Chamera-I	760.00	748.75	754.66	0.00	0.00	0.00	254.29	232.30
Rihand	268.22	252.98	0.00	0.00	0.00	0.00	0.00	0.00
RPS	352.80	343.81	0.00	0.00	0.00	0.00	0.00	0.00
Jawahar Sagar	298.70	295.78	0.00	0.00	0.00	0.00	0.00	0.00
RSD	527.91	487.91	500.72	2.82	522.91	6.50	136.35	148.36

\* NA: Not Available

X(A). Short-Term Open Access Details:

State	Off- Peak Hours (03:00 Hrs)			Peak Hours (20:00 Hrs)			Day Energy (MU)		
	Bilateral (MW)	IEX (MW)	PXIL (MW)	Bilateral (MW)	IEX (MW)	PXIL (MW)	Bilateral (MU)	IEX / PXIL (MU)	Total (MU)
Punjab	-28	291	0	-433	256	0	-2.30	6.89	4.60
Delhi	402	-475	0	451	-173	0	10.59	-5.70	4.89
Haryana	126	329	0	-82	318	0	-0.01	5.87	5.86
HP	-382	-830	0	-229	-1017	0	-6.72	-17.41	-24.12
J&K	-556	-14	0	-530	-14	0	-13.75	-0.40	-14.15
CHD	0	0	0	0	0	0	0.35	0.12	0.47
Rajasthan	-533	528	0	-401	525	0	-10.40	12.09	1.69
UP	1004	682	0	836	0	0	20.83	3.55	24.38
Uttarakhand	33	365	0	33	404	0	0.79	8.22	9.01
Total	66	876	0	-354	298	0	-0.60	13.24	12.63

X(B). Short-Term Open Access Details:

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-28	-433	305	226	0	0
Delhi	501	332	290	-748	0	0
Haryana	126	-82	372	-147	0	0
HP	-229	-382	-327	-1061	0	0
J&K	-480	-626	-14	-29	0	0
CHD	44	0	20	0	0	0
Rajasthan	-382	-537	529	214	0	0
UP	1016	747	682	0	0	0
Uttarakhand	33	33	405	189	0	0

XI. System Reliability Indices(Violation of TTC and ATC):

(i)%age of times N-1 Criteria was violated in the inter - regional corridors

WR	0.00%
ER	0.00%
Simultaneous	0.00%

(ii)%age of times ATC violated on the inter-regional corridors

WR	100.00%
ER	0.00%
Simultaneous	0.00%

(iii)%age of times Angular Difference on Important Buses was beyond permissible limits(40 deg.)

Rihand - Dadri	0.00%
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**XII. System Constraints:**

**XIII. Grid Disturbance / Any Other Significant Event:**

**XIV. Weather Conditions For 10.05.2016 :**  
Normal

**XV. Synchronisation of new generating units :**

**XVI. Synchronisation of new 220 / 400 / 765 KV lines and energising of bus / substation :**

0.00

0.00

0.00

0.00

**XVII. Tripping of lines in pooling stations :**

**XVIII. Complete generation loss in a generating station :**

Note: Data (regarding drawal, generation, shortage, inter-regional flows and reservoir levels) of the constituents filled in the report are as per last furnished data by the respective state/constituent to NRLDC.

Report for : 10.05.2016

पारी पद्मारी अभियंता / SHIFT CHARGE ENGINEER