

# पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पब्लिसिड की पूर्ण स्वामित्व प्राप्त सार्वजनिक कंपनी)



## उत्तरी क्षेत्रीय भार प्रेषण केंद्र

CIN: U40105DL2009GOI188682

Power Supply Position in Northern Region for 26.08.2015  
Date of Reporting : 27.08.2015

### 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
48158	2806	50964	49.86	44780	2346	47125	50.03	1095.8	60.80

\* 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	52.58	25.40		77.98	123.12	121.88	-1.24	199.86	0.00
Haryana	53.79	0.57		54.36	122.65	121.46	-1.19	175.82	0.60
Rajasthan	113.20	1.55	23.28	138.03	77.56	78.62	1.07	216.66	0.00
Delhi	11.96			11.96	96.27	95.82	-0.45	107.79	0.30
UP	123.34	13.54		136.88	148.72	152.54	3.82	289.42	49.35
Uttarakhand		22.56		22.56	13.73	15.29	1.56	37.85	2.04
HP		23.18		23.18	2.90	3.51	0.61	26.69	0.05
J & K		14.32	0.00	14.32	19.11	21.36	2.26	35.68	8.48
Chandigarh				0.00	6.35	6.09	0.27	6.09	0.00
<b>Total</b>	<b>354.88</b>	<b>101.11</b>	<b>23.28</b>	<b>479.27</b>	<b>610.39</b>	<b>616.57</b>	<b>6.70</b>	<b>1095.84</b>	<b>60.80</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(hourly) Demand Met of Day (MW)
	Demand Met	Shortage	UI	STOA/PX transaction	Demand Met	Shortage	UI	STOA/PX transaction	
Punjab	8829	0	-57	1592	7570	0	-245	1742	8945
Haryana	8537	5	13	1814	7553	0	50	1898	8677
Rajasthan	8867	0	171	165	9323	0	196	694	9679
Delhi	4771	0	21	437	4432	0	33	798	5228
UP	11943	2265	-645	294	12089	2020	577	358	12823
Uttarakhand	1853	75	182	-131	1459	115	140	-329	1853
HP	1224	0	36	-1296	962	0	11	-1457	1282
J&K	1845	461	177	-526	1193	211	77	-981	1845
Chandigarh	290	0	-5	0	199	0	-23	0	315
<b>Total</b>	<b>48158</b>	<b>2806</b>	<b>-107</b>	<b>2350</b>	<b>44780</b>	<b>2346</b>	<b>816</b>	<b>2724</b>	<b>48448</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 [OG:(+ve), UG: (-ve)]	
									Net MU	Net MU
A. NTPC	Singrauli STPS (5*200+2*500)	2000	1865	2046	2051	45.56	1898	44.74	0.81	
	Rihand I STPS (2*500)	1000	902	984	990	21.71	905	21.37	0.34	
	Rihand II STPS (2*500)	1000	943	1042	991	23.06	961	22.41	0.65	
	Rihand III STPS (2*500)	1000	480	514	511	11.49	479	11.32	0.16	
	Dadri I STPS (4*210)	840	600	535	416	11.06	461	11.25	-0.19	
	Dadri II STPS (2*490)	980	970	804	669	19.17	799	20.08	-0.92	
	Unchahar I TPS (2*210)	420	400	432	434	9.08	378	9.31	-0.23	
	Unchahar II TPS (2*210)	420	400	438	439	9.04	377	9.00	0.04	
	Unchahar III TPS (1*220)	210	200	221	220	4.60	192	4.60	0.00	
	ISTPP (Jhajhar) (3*500)	1500	1436	902	626	15.38	641	15.75	-0.37	
	Dadri GPS (4*130.19+2*154.51)	830	523	347	336	7.85	327	8.10	-0.25	
	Anta GPS (3*88.71+1*153.2)	419	396	236	226	5.56	232	5.46	0.09	
	Auraiya GPS (4*111.19+2*109.30)	663	635	305	298	7.05	294	7.20	-0.16	
	Dadri Solar	5	1	0	0	0.02	1	0.03	0.00	
	Unchahar Solar	10	3	0	0	0.03	1	0.06	-0.04	
	Singrauli Solar	15	3	0	0	0.00	0	0.07	-0.07	
	KHEP	800	828	846	845	18.88	787	18.08	0.81	
<b>Sub Total (A)</b>	<b>12112</b>	<b>10584</b>	<b>9652</b>	<b>9052</b>	<b>210</b>	<b>8730</b>	<b>209</b>	<b>1</b>		
B. NPC	NAPS (2*220)	440	374	403	408	8.89	370	8.98	-0.09	
	RAPS- B (2*220)	440	187	209	213	4.42	184	4.49	-0.07	
	RAPS- C (2*220)	440	396	430	407	9.22	384	9.49	-0.28	
	<b>Sub Total (B)</b>	<b>1320</b>	<b>957</b>	<b>1042</b>	<b>1028</b>	<b>22.53</b>	<b>939</b>	<b>22.96</b>	<b>-0.43</b>	
C. NHPC	Chamera I HPS (3*180)	540	534	541	544	12.99	541	12.82	0.18	
	Chamera II HPS (3*100)	300	300	305	306	7.25	302	7.20	0.05	
	Chamera III HPS (3*77)	231	229	234	160	5.20	217	5.00	0.20	
	Bairasuil HPS(3*60)	180	179	173	111	2.07	86	1.84	0.22	
	Salal-HPS (6*115)	690	640	672	672	15.57	649	15.36	0.22	
	Tanakpur-HPS (3*40)	94	91	93	93	2.24	93	2.19	0.05	
	Uri-I HPS (4*120)	480	357	457	430	9.17	382	8.61	0.55	
	Uri-II HPS (4*60)	240	207	237	235	5.21	217	4.98	0.23	
	Dhauliganga-HPS (4*70)	280	280	292	288	6.53	272	6.34	0.19	
	Dulhasti-HPS (3*130)	390	386	406	399	9.47	395	9.26	0.21	
	Sewa-II HPS (3*40)	120	119	128	0	1.23	51	1.15	0.09	
	Parbati 3 (4*130)	520	130	131	131	3.12	130	3.12	0.00	
	<b>Sub Total (C)</b>	<b>4065</b>	<b>3452</b>	<b>3669</b>	<b>3369</b>	<b>80</b>	<b>3335</b>	<b>78</b>	<b>2</b>	
	D.SJVNL	NJPC (6*250)	1500	1605	1623	1629	38.78	1616	38.52	0.26
Rampur HEP (6*68.67)		412	428	428	430	10.38	432	10.27	0.11	
<b>Sub Total (D)</b>		<b>1912</b>	<b>2033</b>	<b>2051</b>	<b>2059</b>	<b>49.16</b>	<b>2048</b>	<b>48.79</b>	<b>0.37</b>	
E. THDC	Tehri HPS (4*250)	1000	1050	1056	0	12.29	512	12.00	0.29	
	Koteshwar HPS (4*100)	400	171	401	92	4.17	174	4.10	0.07	
	<b>Sub Total (E)</b>	<b>1400</b>	<b>1221</b>	<b>1457</b>	<b>92</b>	<b>16.45</b>	<b>686</b>	<b>16.10</b>	<b>0.35</b>	
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	896	1457	650	21.57	899	21.50	0.08	
	Dehar HPS (6*165)	990	582	825	560	13.87	578	13.96	-0.09	
	Pong HPS (6*66)	396	264	384	192	6.33	264	6.34	-0.01	
	<b>Sub Total (F)</b>	<b>2765</b>	<b>1741</b>	<b>2666</b>	<b>1402</b>	<b>41.77</b>	<b>1740</b>	<b>41.79</b>	<b>-0.03</b>	
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	139	112	2.70	112	3.18	-0.48	
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	1200	1091	26.61	1109	26.34	0.27	
	Malana Stg-II HPS (2*50)	100	0	111	70	1.97	82	1.84	0.13	
	Shree Cement TPS (2*150)	300	0	295	299	7.09	296	7.08	0.01	
	Budhil HPS(IPP) (2*35)	70	0	76	38	1.65	69	1.49	0.16	
<b>Sub Total (G)</b>	<b>1662</b>	<b>0</b>	<b>1821</b>	<b>1610</b>	<b>40.02</b>	<b>1668</b>	<b>39.93</b>	<b>0.09</b>		
<b>H. Total Regional Entities (A-G)</b>	<b>25237</b>	<b>19988</b>	<b>22357</b>	<b>18612</b>	<b>459.50</b>	<b>19146</b>	<b>456.28</b>	<b>3.22</b>		

I. State Entities	Station	Effective Installed Capacity (MW)	Peak MW	Off Peak MW	Energy(MU)	Average(Sent out MW)	
Punjab	Guru Gobind Singh TPS (Ropar) (6*210)	1260	320	320	7.92	330	
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	85	80	1.88	78	
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	455	182	8.15	340	
	Goindwal(GVK)		0	0	0.00	0	
	Rajpura (2*700)	1400	1389	884	27.28	1137	
	Talwandi Saboo (1*660)	660	150	339	7.36	306	
	<b>Thermal (Total)</b>	<b>4700</b>	<b>2399</b>	<b>1805</b>	<b>52.58</b>	<b>2191</b>	
	Total Hydro	1000	1075	1075	25.40	1058	
	<b>Total Punjab</b>	<b>5700</b>	<b>3474</b>	<b>2880</b>	<b>77.98</b>	<b>3249</b>	
	Haryana	Panipat TPS (4*110+2*210+2*250)	1367	451	441	10.20	425
DCRTPP (Yamuna nagar) (2*300)		600	460	452	11.74	489	
Faridabad GPS (NTPC)		432	0	0	0.00	0	
RGTPP (khedar) (IPP) (2*600)		1200	924	739	21.81	909	
Magnum Diesel (IPP)		25	0	0	0.00	0	
Jhajjar(CLP) (2*660)		1320	373	374	10.04	418	
<b>Thermal (Total)</b>		<b>4944</b>	<b>2208</b>	<b>2006</b>	<b>53.79</b>	<b>2241</b>	
Total Hydro		62	24	25	0.57	24	
<b>Total Haryana</b>		<b>5006</b>	<b>2232</b>	<b>2031</b>	<b>54.36</b>	<b>2265</b>	
Rajasthan		kota TPS (2*110+2*195+3*210)	1240	954	1010	23.70	987
		suratgarh TPS (6*250)	1500	851	953	20.69	862
		Chabra TPS (4*250)	1000	359	314	8.42	351
		Dholpur GPS (3*110)	330	80	95	2.16	90
	Ramgarh GPS (1*37.5 + 1*35.5 +2*37.5 +1*110 +1*50)	271	158	155	3.92	163	
	RAPS A (NPC) (1*100+1*200)	300	158	159	3.92	163	
	Barsingsar (NLC) (2*125)	250	65	67	1.45	61	
	Giral LTPS (2*125)	250	58	85	1.15	48	
	Rajwest LTPS (IPP) (8*135)	1080	840	815	20.10	838	
	V/S LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0	
	Kalisindh Thermal(2*600)	1200	0	0	0.00	0	
	Kawai(Adani) (2*600)	1320	1200	1011	27.68	1154	
	<b>Thermal (Total)</b>	<b>8876</b>	<b>4723</b>	<b>4664</b>	<b>113</b>	<b>4717</b>	
	Total Hydro	550	139	67	1.55	65	
	Wind power	3214	603	1397	22.53	939	
	Biomass	99	27	27	0.64	27	
	Solar	730	0	0	0.12	5	
	Renewable/Others (Total)	4043	630	1424	23.28	970	
	<b>Total Rajasthan</b>	<b>13469</b>	<b>5492</b>	<b>6155</b>	<b>138.03</b>	<b>5751</b>	
	UP	Anpara TPS (3*210+2*500)	1630	1232	1264	30.60	1275
Obra TPS (2*50+2*94+5*200)		1194	349	335	7.70	321	
Panicha TPS (2*110+2*220+2*250)		1140	768	797	19.00	792	
Panki TPS (2*105)		210	68	68	1.60	67	
Harduaganj TPS (1*60+1*105+2*250)		665	435	445	10.50	438	
Tanda TPS (NTPC) (4*110)		440	188	180	4.53	189	
Roza TPS (IPP) (4*300)		1200	1085	1081	26.06	1086	
Anpara-C (IPP) (2*600)		1200	540	540	11.79	491	
Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)		450	265	263	8.54	356	
Anpara-D(1*500)		500	0	0	0.00	0	
Lalitpur TPS(1*660)		660	0	0	1.83	76	
<b>Thermal (Total)</b>		<b>9289</b>	<b>4930</b>	<b>4973</b>	<b>122</b>	<b>5089</b>	
Vishnuparyag HPS (IPP)(4*110)		440	0	0	0.00	0	
Alakananda(4*82.5)		330	330	330	7.92	330	
Other Hydro		527	200	260	5.62	234	
Cogeneration		981	50	50	1.20	50	
<b>Total UP</b>		<b>11567</b>	<b>5510</b>	<b>5613</b>	<b>137</b>	<b>5703</b>	
Uttarakhand	Total Hydro	1398	925	952	22.56	940	
	<b>Total Uttarakhand</b>	<b>1398</b>	<b>925</b>	<b>952</b>	<b>22.56</b>	<b>940</b>	
Delhi	Rajghat TPS (2*67.5)	135	0	0	0.00	0	
	Delhi Gas Turbine (6x30 + 3x34)	282	32	32	0.78	32	
	Pragati Gas Turbine (2x104+ 1x122)	330	266	146	4.28	178	
	Riithala GPS (3*36)	95	0	0	0.00	0	
	Bawana GPS (4*216+2*253)	1370	-4	-2	-0.07	-3	
	Badarpur TPS (NTPC) (3*95+2*210)	705	317	320	6.99	291	
	<b>Thermal (Total)</b>	<b>2917</b>	<b>612</b>	<b>496</b>	<b>11.96</b>	<b>499</b>	
	<b>Total Delhi</b>	<b>2917</b>	<b>612</b>	<b>496</b>	<b>11.96</b>	<b>499</b>	
HP	Baspa HPS (IPP) (3*100)	300	330	330	7.68	320	
	Malana HPS (IPP) (2*43)	86	106	71	1.86	77	
	Other Hydro	878	576	575	13.64	568	
	<b>Total HP</b>	<b>1264</b>	<b>1012</b>	<b>976</b>	<b>23.18</b>	<b>966</b>	
J & K	Baglihar HPS (IPP) (3*150)	450	438	440	10.57	441	
	Other Hydro/IPP	560	176	152	3.74	156	
	Gas/Diesel/Others	190	0	0	0.00	0	
	<b>Total J &amp; K</b>	<b>1200</b>	<b>614</b>	<b>592</b>	<b>14.32</b>	<b>597</b>	
<b>Total State Control Area Generation</b>		<b>42521</b>	<b>19871</b>	<b>19695</b>	<b>479.27</b>	<b>19969</b>	
<b>J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]</b>			<b>8151.05</b>	<b>7826.62</b>	<b>185.10</b>	<b>7713</b>	
<b>Total Regional Availability(Gross)</b>		<b>67758</b>	<b>50380</b>	<b>46134</b>	<b>1123.87</b>	<b>46828</b>	

#### IV. Total Hydro Generation:

Regional Entities Hydro	12234	12138	9040	237.59	9899
State Control Area Hydro	6581	4319	4277	101	4213
<b>Total Regional Hydro</b>	<b>18815</b>	<b>16457</b>	<b>13317</b>	<b>338.69</b>	<b>14112</b>

**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)	-50	-50	250	-100	1.97	0.56	1.41
765 KV Gwalior-Agra (D/C)	2436	2284	2698	0	53.51	0.00	53.51
400 KV Zerda-Kankroli	-88	-122	0	298	0.00	3.36	-3.36
400 KV Zerda-Bhimmal	-60	-129	0	248	0.00	2.72	-2.72
220 KV Auraiya-Malanpur	-66	-63	0	96	0.00	1.40	-1.40
220 KV Badod-Kota/Morak	16	54	73	37	0.56	0.00	0.56
Mundra-Mohinderqarh(HVDC Bipole)	2500	2306	2514	0	46.89	0.00	46.89
400 KV Vindhychal - Rihand	497	506	508	0	11.97	0.00	11.97
765 kV Phagi-Gwalior (D/C)	1195	1094	657	0	26.55	0.00	26.55
<b>Sub Total WR</b>	<b>6380</b>	<b>5880</b>			<b>141.45</b>	<b>8.03</b>	<b>133.42</b>
Pusauli Bypass/HVDC	400	400	400	0	9.03	0.00	9.03
400 KV MZP- GKP (D/C)	226	556	790	0	12.42	0.00	12.42
400 KV Patna-Balia(D/C) X 2	251	76	417	0	5.45	0.00	5.45
400 KV B'Sharif-Balia (D/C)	126	233	403	0	5.38	0.00	5.38
765 KV Pusauli-Balia	153	161	287	0	2.02	0.00	2.02
765 KV Gaya-Fatehpur	275	208	399	0	6.30	0.00	6.30
220 KV Pusauli-Sahupuri	163	127	194	0	3.67	0.00	3.67
132 KV K'nasa-Sahupuri	0	0	0	0	0.48	0.00	0.48
132 KV Son Ngr-Rihand	-37	-44	0	46	0.00	0.92	-0.92
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	-8	70	254	44	2.65	0.00	2.65
400 KV Barh -GKP (D/C)	222	160	320	0	5.22	0.00	5.22
<b>Sub Total ER</b>	<b>1771</b>	<b>1947</b>			<b>52.60</b>	<b>0.92</b>	<b>51.68</b>
<b>Total IR Exch</b>	<b>8151</b>	<b>7827</b>			<b>194.05</b>	<b>8.95</b>	<b>185.10</b>

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

ER	ISGS/LT Schedule (MU)		Bilateral Schedule (MU)		Power Exchange Shdl (MU)		Wheeling (MU)	
	Bhutan	Total	Through ER	Through WR	Through ER	Through WR	Through ER	Through WR
32.87	3.96	36.83	20.96	8.40	6.85	-0.01	4.45	-4.45
<b>Total IR Schedule (MU)</b>			<b>Total IR Actual (MU)</b>			<b>Net IR UI (MU)</b>		
Through ER	Through WR Incids Mndra	Total	Through ER	Through WR	Total	Through ER	Through WR	Total
69.09	108.02	177.11	51.68	133.42	185.10	-17.41	25.40	7.99

**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	-23	-24	0	28	0	1	-0.51

**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
0.000	0.420	4.330	36.660	83.180	58.480	4.400	0.460	0.030	0.000

<----- Frequency (Hz) ----->				Average Frequency Hz	Frequency Variation Index	Std. Dev.	Frequency in 15 Min Block	
Maximum		Minimum					MAX (Hz)	MIN (Hz)
Freq	Time	Freq	Time	49.930	0.111	0.075	50.170	49.860
50.210	18.02	49.670	0.18					

**VII. Voltage profile 400 kV**

Station	Voltage Level (kV)	Maximum		Minimum		Voltage (in % of Time)			
		Voltage(KV)	Time	Voltage (KV)	Time	<380 kV	<390 kV	>420 kV	>430 kV
Rihand	400	404	08:03	397	10:05	0.0	0.0	0.0	0.0
Gorakhpur	400	417	07:44	396	11:51	0.0	0.0	0.0	0.0
Bareilly	400	412	18:03	392	11:55	0.0	0.0	0.0	0.0
Kanpur	400	412	08:02	395	11:44	0.0	0.0	0.0	0.0
Dadri	400	408	05:12	387	14:30	0.0	2.6	0.0	0.0
Ballabgarh	400	414	05:16	390	14:32	0.0	0.0	0.0	0.0
Bawana	400	412	05:11	358	11:26	0.1	0.1	0.0	0.0
Bassi	400	416	04:02	200	09:40	40.9	40.9	0.0	0.0
Hissar	400	408	06:02	387	14:32	0.0	2.5	0.0	0.0
Moga	400	408	04:04	388	14:33	0.0	2.6	0.0	0.0
Abdullapur	400	407	06:02	388	14:24	0.0	4.6	0.0	0.0
Nalagarh	400	414	04:01	392	14:31	0.0	0.0	0.0	0.0
Kishenpur	400	413	04:05	400	14:29	0.0	0.0	0.0	0.0
Wagoora	400	406	01:53	382	19:46	0.0	13.0	0.0	0.0
Amritsar	400	409	04:04	387	14:40	0.0	2.6	0.0	0.0
Kashipur	400	417	05:16	406	10:22	0.0	0.0	0.0	0.0
Hamirpur	400	0	00:00	9999	00:00	0.0	0.0	0.0	0.0
Rishikesh	400	399	05:11	111	22:05	23.2	54.0	0.0	0.0

**VIII. Voltage profile 765 kV**

Station	Voltage Level (kV)	Maximum		Minimum		Voltage (in % of Time)			
		Voltage(KV)	Time	Voltage (KV)	Time	<728 kV	<742 kV	>800 kV	>820 kV
Fatehpur	765	770	08:03	736	11:49	0.0	9.0	0.0	0.0
Balia	765	769	08:02	736	11:47	0.0	8.0	0.0	0.0
Moga	765	781	05:12	744	14:30	0.0	0.0	0.0	0.0
Agra	765	783	08:03	749	11:53	0.0	0.0	0.0	0.0
Bhiwani	765	785	05:07	751	14:25	0.0	0.0	0.0	0.0
Unnao	765	758	05:17	731	14:31	0.0	30.2	0.0	0.0
Lucknow	765	772	05:17	736	11:47	0.0	4.8	0.0	0.0
Meerut	765	793	05:13	749	14:33	0.0	0.0	0.0	0.0
Jhatikara	765	785	00:00	746	14:52	0.0	0.0	0.0	0.0
Bareilly	765	0	00:00	9999	00:00	0.0	0.0	0.0	0.0
Anta	765	786	04:03	767	10:20	0.0	0.0	0.0	0.0
Phagi	765	783	04:03	755	10:21	0.0	0.0	0.0	0.0

**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	510.42	1575.10	509.78	1545.02	971.58	651.99
Pong	426.72	384.05	422.68	1020.81	416.28	730.66	434.78	358.94
Tehri	829.79	740.04	815.90	920.25	812.90	860.27	402.81	281.00
Koteshwar	612.50	598.50	610.54	4.69	610.80	4.97	281.00	274.57
Chamera-I	760.00	748.75	755.35	0.00	0.00	0.00	290.28	351.85
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	521.24	14.07	515.85	11.51	338.84	548.33

\* 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	1584	158	0	1582	10	0	38.01	1.59	39.60
Delhi	468	330	0	474	-36	0	10.24	4.51	14.76
Haryana	1635	262	0	1584	230	0	38.35	-3.44	34.92
HP	-1119	-338	0	-944	-352	0	-23.22	-8.48	-31.70
J&K	-542	-439	0	-491	-35	0	-12.28	-3.15	-15.43
CHD	0	0	0	0	0	0	0.24	0.04	0.27
Rajasthan	-498	1190	2	-473	637	2	-11.73	25.12	13.38
UP	358	0	0	294	0	0	8.21	0.00	8.21
Uttarakhand	-188	-141	0	-147	16	0	-3.68	-1.09	-4.77
<b>Total</b>	<b>1699</b>	<b>1023</b>	<b>2</b>	<b>1878</b>	<b>470</b>	<b>2</b>	<b>44.14</b>	<b>15.10</b>	<b>59.24</b>

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	1584	1582	162	9	0	0
Delhi	799	177	436	-47	0	0
Haryana	1635	1561	263	-718	0	0
HP	-851	-1192	-330	-371	0	0
J&K	-491	-542	-28	-439	0	0
CHD	29	0	25	0	0	0
Rajasthan	-439	-498	1637	434	2	2
UP	410	264	0	0	0	0
Uttarakhand	-136	-188	45	-141	0	0

**XI. System Constraints:**

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

**XIII. Weather Conditions For 26.08.2015 :**

Normal

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

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

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

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