

# पावर 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 10.08.2015**  
Date of Reporting : 11.08.2015

### 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
43872	3563	47435	49.97	39486	3259	42745	50.08	990.6	74.63

\* 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	53.32	21.77		75.09	117.30	115.18	2.13	190.27	0.00
Haryana	26.72	0.59		27.31	126.60	124.49	-2.10	151.80	0.53
Rajasthan	109.03	6.60	11.69	127.31	58.21	57.43	-0.78	184.74	0.00
Delhi	9.99			9.99	85.93	86.34	0.42	96.34	0.42
UP	112.70	7.00		127.40	139.22	142.86	3.65	270.26	61.56
Uttarakhand		23.25		23.25	8.83	10.70	1.87	33.95	4.15
HP		24.27		24.27	-3.08	0.06	3.13	24.33	0.02
J & K		14.45	0.00	14.45	18.85	18.92	0.06	33.36	7.95
Chandigarh				0.00	5.69	5.50	0.27	5.50	0.00
<b>Total</b>	<b>311.75</b>	<b>97.93</b>	<b>11.69</b>	<b>429.07</b>	<b>557.54</b>	<b>561.48</b>	<b>4.40</b>	<b>990.55</b>	<b>74.63</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	8814	0	-121	1485	7099	0	-133	1754	8877
Haryana	7282	53	-14	1804	6478	0	-49	1777	7594
Rajasthan	7479	0	-191	56	7784	0	118	140	8170
Delhi	4287	6	98	278	3574	0	122	300	4644
UP	11156	2915	328	669	11466	2730	331	988	11843
Uttarakhand	1703	140	83	-226	1067	350	112	-532	1703
HP	1106	0	34	-1399	819	0	-22	-1603	1219
J&K	1795	449	196	-454	1014	179	-87	-816	1795
Chandigarh	250	0	-11	-12	184	0	-6	0	279
<b>Total</b>	<b>43872</b>	<b>3563</b>	<b>403</b>	<b>2201</b>	<b>39486</b>	<b>3259</b>	<b>385</b>	<b>2009</b>	<b>44350</b>

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

Diversity is 1.04

### 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
									UI Net MU
A. NTPC	Singrauli STPS (5*200+2*500)	2000	1675	1546	2037	40.72	1697	40.19	0.53
	Rihand I STPS (2*500)	1000	882	992	901	21.26	886	20.95	0.31
	Rihand II STPS (2*500)	1000	472	517	510	11.62	484	11.18	0.44
	Rihand III STPS (2*500)	1000	480	518	504	11.48	478	11.37	0.11
	Dadri I STPS (4*210)	840	810	810	423	12.90	538	13.32	-0.42
	Dadri II STPS (2*490)	980	975	976	759	20.56	857	21.76	-1.20
	Unchahar I TPS (2*210)	420	400	432	367	9.04	377	9.50	-0.46
	Unchahar II TPS (2*210)	420	400	439	383	9.08	378	9.39	-0.31
	Unchahar III TPS (1*220)	210	200	219	187	4.52	188	4.71	-0.19
	ISTPP (Jhajjar) (3*500)	1500	1436	975	593	15.76	657	15.88	-0.12
	Dadri GPS (4*130.19+2*154.51)	830	800	373	377	8.69	362	8.93	-0.24
	Anta GPS (3*88.71+1*153.2)	419	396	-1	-1	0.00	0	0.00	0.00
	Auraiya GPS (4*111.19+2*109.30)	663	638	308	316	7.29	304	7.35	-0.06
	Dadri Solar	5	1	0	0	0.01	1	0.02	0.00
	Unchahar Solar	10	3	0	0	0.03	1	0.06	-0.03
	Singrauli Solar	15	3	0	0	0.06	2	0.07	-0.01
	KHEP	800	830	835	831	20.08	837	19.92	0.16
	<b>Sub Total (A)</b>	<b>12112</b>	<b>10401</b>	<b>8706</b>	<b>8187</b>	<b>193</b>	<b>8046</b>	<b>195</b>	<b>-1</b>
	B. NPC	NAPS (2*220)	440	382	405	419	8.90	371	9.16
RAPS- B (2*220)		440	389	430	437	9.31	388	9.34	-0.03
RAPS- C (2*220)		440	375	407	408	8.75	364	9.00	-0.25
<b>Sub Total (B)</b>		<b>1320</b>	<b>1146</b>	<b>1242</b>	<b>1264</b>	<b>26.96</b>	<b>1123</b>	<b>27.49</b>	<b>-0.53</b>
C. NHPC	Chamera I HPS (3*180)	540	537	551	543	13.16	548	12.89	0.27
	Chamera II HPS (3*100)	300	300	307	302	7.25	302	7.20	0.05
	Chamera III HPS (3*77)	231	229	236	234	5.62	234	5.50	0.12
	Bairasuil HPS (3*60)	180	179	182	182	4.32	180	4.26	0.06
	Salal-HPS (6*115)	690	657	671	673	15.71	655	15.76	-0.05
	Tanakpur-HPS (3*40)	94	91	91	96	2.25	94	2.19	0.06
	Uri-I HPS (4*120)	480	462	470	462	11.27	470	11.08	0.19
	Uri-II HPS (4*60)	240	219	179	173	5.23	218	5.28	-0.05
	Dhauliganga-HPS (4*70)	280	280	285	286	6.80	283	6.72	0.08
	Dulhasti-HPS (3*130)	390	386	399	393	9.34	389	9.26	0.08
	Sewa-II HPS (3*40)	120	119	130	0	2.28	95	2.10	0.18
	Parbati 3 (4*130)	520	390	394	392	7.11	296	7.05	0.06
	<b>Sub Total (C)</b>	<b>4065</b>	<b>3849</b>	<b>3895</b>	<b>3736</b>	<b>90</b>	<b>3764</b>	<b>89</b>	<b>1</b>
	D. SJVNL	NJPC (6*250)	1500	577	1094	0	13.94	581	14.45
Rampur HEP (6*68.67)		412	161	300	0	3.81	159	3.86	-0.06
<b>Sub Total (D)</b>		<b>1912</b>	<b>738</b>	<b>1394</b>	<b>0</b>	<b>17.74</b>	<b>739</b>	<b>18.31</b>	<b>-0.57</b>
E. THDC	Tehri HPS (4*250)	1000	992	1005	749	18.23	760	18.00	0.23
	Koteshwar HPS (4*100)	400	300	397	301	7.26	303	7.20	0.06
	<b>Sub Total (E)</b>	<b>1400</b>	<b>1292</b>	<b>1402</b>	<b>1050</b>	<b>25.49</b>	<b>1062</b>	<b>25.20</b>	<b>0.29</b>
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	1431	1452	1453	34.70	1446	34.34	0.35
	Dehar HPS (6*165)	990	5	0	0	0.07	3	0.12	-0.05
	Pong HPS (6*66)	396	376	384	384	9.08	378	9.02	0.05
	<b>Sub Total (F)</b>	<b>2765</b>	<b>1812</b>	<b>1836</b>	<b>1837</b>	<b>43.85</b>	<b>1827</b>	<b>43.49</b>	<b>0.36</b>
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	230	183	4.94	206	4.24	0.70
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	1200	1200	27.14	1131	27.09	0.05
	Malana Stg-II HPS (2*50)	100	0	111	111	2.64	110	2.48	0.16
	Shree Cement TPS (2*150)	300	0	144	142	3.42	142	4.49	-1.08
	Budhil HPS(IPP) (2*35)	70	0	76	76	1.79	75	1.80	0.00
	<b>Sub Total (G)</b>	<b>1662</b>	<b>0</b>	<b>1761</b>	<b>1712</b>	<b>39.92</b>	<b>1663</b>	<b>40.10</b>	<b>-0.17</b>
<b>H. Total Regional Entities (A-G)</b>	<b>25237</b>	<b>19237</b>	<b>20235</b>	<b>17786</b>	<b>437.41</b>	<b>18225</b>	<b>438.47</b>	<b>-1.06</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	840	690	15.79	658	
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	80	80	1.84	77	
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	465	410	9.49	395	
	Goidwal(GVK)		0	0	0.00	0	
	Rajpura (2*700)	1400	1398	711	26.20	1092	
	Talwandi Saboo (1*660)	660	0	0	0.00	0	
	<b>Thermal (Total)</b>	<b>4700</b>	<b>2783</b>	<b>1891</b>	<b>53.32</b>	<b>2222</b>	
	Total Hydro	1000	895	922	21.77	907	
	<b>Total Punjab</b>	<b>5700</b>	<b>3678</b>	<b>2813</b>	<b>75.09</b>	<b>3129</b>	
	Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00	0
DCRTPP (Yamuna nagar) (2*300)		600	479	223	8.90	371	
Faridabad GPS (NTPC)		432	319	317	8.21	342	
RGTPP (khedar) (IPP) (2*600)		1200	375	371	9.61	400	
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>1173</b>	<b>911</b>	<b>26.72</b>	<b>1113</b>	
Total Hydro		62	26	24	0.59	25	
<b>Total Haryana</b>		<b>5006</b>	<b>1199</b>	<b>935</b>	<b>27.31</b>	<b>1138</b>	
Rajasthan		kota TPS (2*110+2*195+3*210)	1240	891	820	20.15	840
		suratgarh TPS (6*250)	1500	763	756	18.47	770
		Chabra TPS (4*250)	1000	191	284	5.31	221
		Dholpur GPS (3*110)	330	78	78	1.92	80
	Ramgarh GPS (1*37.5 + 1*35.5 +2*37.5 +1*110 +1*50)	271	181	182	4.81	201	
	RAPS A (NPC) (1*100+1*200)	300	183	183	4.28	178	
	Barsingsar (NLC) (2*125)	250	185	188	3.98	166	
	Giral LTPS (2*125)	250	52	73	1.29	54	
	Rajwest LTPS (IPP) (8*135)	1080	670	761	16.11	671	
	V/S LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0	
	Kalisindh Thermal(2*600)	1200	481	0	8.19	341	
	Kawai(Adani) (2*660)	1320	1015	1200	24.51	1021	
	<b>Thermal (Total)</b>	<b>8876</b>	<b>4690</b>	<b>4525</b>	<b>109</b>	<b>4543</b>	
	Total Hydro	550	281	308	6.60	275	
	Wind power	3214	189	308	8.74	364	
	Biomass	99	21	21	0.51	21	
	Solar	730	0	0	2.44	101	
	Renewable/Others (Total)	4043	210	329	11.69	487	
	<b>Total Rajasthan</b>	<b>13469</b>	<b>5181</b>	<b>5162</b>	<b>127.31</b>	<b>5305</b>	
	UP	Anpara TPS (3*210+2*500)	1630	1163	1213	28.60	1192
		Obra TPS (2*50+2*94+5*200)	1194	408	437	10.20	425
		Panicha TPS (2*110+2*220+2*250)	1140	591	757	17.40	725
		Panki TPS (2*105)	210	90	113	2.40	100
Harduaganj TPS (1*60+1*105+2*250)		665	300	264	6.80	283	
Tanda TPS (NTPC) (4*110)		440	275	265	6.60	275	
Roza TPS (IPP) (4*300)		1200	810	811	19.60	817	
Anpara-C (IPP) (2*600)		1200	545	545	13.00	542	
Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)		450	304	284	6.90	288	
Anpara-D(1*500)		500	0	0	0.00	0	
Lalitpur TPS(1*660)		660	0	0	0.00	0	
<b>Thermal (Total)</b>		<b>9289</b>	<b>4486</b>	<b>4689</b>	<b>112</b>	<b>4646</b>	
Vishnuparyag HPS (IPP)(4*110)		440	0	0	0.00	0	
Alakananda(4*82.5)		330	320	326	7.70	321	
Other Hydro		527	323	317	7.00	292	
Cogeneration		981	50	50	1.20	50	
<b>Total UP</b>		<b>11567</b>	<b>5179</b>	<b>5382</b>	<b>127</b>	<b>5308</b>	
Uttarakhand	Total Hydro	1398	1062	771	23.25	969	
	<b>Total Uttarakhand</b>	<b>1398</b>	<b>1062</b>	<b>771</b>	<b>23.25</b>	<b>969</b>	
Delhi	Rajghat TPS (2*67.5)	135	0	0	0.02	1	
	Delhi Gas Turbine (6x30 + 3x34)	282	50	33	0.88	37	
	Pragati Gas Turbine (2x104+ 1x122)	330	142	0	2.26	94	
	Riithala GPS (3*36)	95	0	0	0.00	0	
	Bawana GPS (4*216+2*253)	1370	0	0	-0.10	-4	
	Badarpur TPS (NTPC) (3*95+2*210)	705	322	323	6.93	289	
	<b>Thermal (Total)</b>	<b>2917</b>	<b>514</b>	<b>356</b>	<b>9.99</b>	<b>416</b>	
	<b>Total Delhi</b>	<b>2917</b>	<b>514</b>	<b>356</b>	<b>9.99</b>	<b>416</b>	
HP	Baspa HPS (IPP) (3*100)	300	325	325	7.37	307	
	Malana HPS (IPP) (2*43)	86	103	103	2.45	102	
	Other Hydro	878	608	618	14.45	602	
	<b>Total HP</b>	<b>1264</b>	<b>1036</b>	<b>1046</b>	<b>24.27</b>	<b>1011</b>	
J & K	Baglihar HPS (IPP) (3*150)	450	440	440	10.56	440	
	Other Hydro/IPP	560	178	173	3.88	162	
	Gas/Diesel/Others	190	0	0	0.00	0	
	<b>Total J &amp; K</b>	<b>1200</b>	<b>618</b>	<b>613</b>	<b>14.45</b>	<b>602</b>	
<b>Total State Control Area Generation</b>		<b>42521</b>	<b>18467</b>	<b>17078</b>	<b>429.07</b>	<b>17878</b>	
<b>J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]</b>			<b>6964</b>	<b>5054</b>	<b>135.14</b>	<b>5631</b>	
<b>Total Regional Availability(Gross)</b>		<b>67758</b>	<b>45666</b>	<b>39918</b>	<b>1001.61</b>	<b>41734</b>	

#### IV. Total Hydro Generation:

Regional Entities Hydro	12234	10903	8949	232.22	9676
State Control Area Hydro	5811	4241	4001	97.93	4080
<b>Total Regional Hydro</b>	<b>18045</b>	<b>15144</b>	<b>12950</b>	<b>330.14</b>	<b>13756</b>

**VI(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)	250	250	250	250	4.65	1.09	3.57
765 KV Gwalior-Agra (D/C)	2337	1479	2637	0	41.91	0.00	41.91
400 KV Zerda-Kankroli	-93	-158	0	333	0.00	4.85	-4.85
400 KV Zerda-Bhimmal	-20	-109	6	246	0.00	3.20	-3.20
220 KV Auraiya-Malanpur	-67	-97	0	127	0.00	1.98	-1.98
220 KV Badod-Kota/Morak	-15	23	56	102	0.00	0.50	-0.50
Mundra-Mohinderqarh(HVDC Bipole)	2500	2296	2506	0	58.16	0.00	58.16
400 KV Vindhychal - Rihand	502	505	506	0	11.98	0.00	11.98
<b>Sub Total WR</b>	<b>5394</b>	<b>4189</b>			<b>116.71</b>	<b>11.62</b>	<b>105.08</b>
Pusauli Bypass/HVDC	400	400	400	0	8.99	0.00	8.99
400 KV MZP- GKP (D/C)	286	148	476	0	6.64	0.00	6.64
400 KV Patna-Balia(D/C) X 2	152	118	257	0	4.12	0.00	4.12
400 KV B'Sharif-Balia (D/C)	39	20	156	36	1.33	0.00	1.33
765 KV Pusauli-Balia	65	23	154	25	0.66	0.00	0.66
765 KV Gaya-Fatehpur	219	40	207	12	2.52	0.00	2.52
220 KV Pusauli-Sahupuri	201	140	210	0	3.89	0.00	3.89
132 KV Knasa-Sahupuri	0	0	0	0	0.00	0.00	0.00
132 KV Son Ngr-Rihand	-43	-40	0	43	0.00	0.85	-0.85
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	29	-116	44	155	0.00	1.23	-1.23
400 KV Barh -GKP (D/C)	222	132	276	0	3.99	0.00	3.99
<b>Sub Total ER</b>	<b>1570</b>	<b>865</b>			<b>32.13</b>	<b>2.08</b>	<b>30.05</b>
<b>Total IR Exch</b>	<b>6964</b>	<b>5054</b>			<b>148.84</b>	<b>13.70</b>	<b>135.14</b>

**VI(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
25.04	3.80	28.84	20.42	8.15	-0.30	-2.07	1.46	-1.46

Total IR Schedule (MU)			Total IR Actual (MU)			Net IR UI (MU)		
Through ER	Through WR Inclds Mndra	Total	Through ER	Through WR	Total	Through ER	Through WR	Total
50.42	84.67	135.10	30.05	105.08	135.14	-20.37	20.41	0.04

**VI(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	-24	-33	0	34	0	1	-0.62

**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	1.05	10.29	30.15	73.06	60.97	6.68	2.18	0.07	0.00

Frequency (Hz)				Average Frequency	Frequency Variation Index	Std. Dev.	Frequency in 15 Min Block	
Maximum		Minimum					MAX	MIN
Freq	Time	Freq	Time	Hz	(Hz)	(Hz)		
50.22	18.02	49.57	21.09	49.94	0.13	0.09	50.20	49.79

**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	406	17:57	399	00:08	0.0	0.0	0.0	0.0
Gorakhpur	400	419	18:01	406	22:07	0.0	0.0	0.0	0.0
Bareilly	400	414	00:00	414	00:00	0.0	0.0	0.0	0.0
Kanpur	400	416	06:03	399	14:41	0.0	0.0	0.0	0.0
Dadri	400	416	06:02	400	11:46	1.5	1.5	0.0	0.0
Ballabgarh	400	422	06:02	401	14:48	0.0	0.0	0.7	0.0
Bawana	400	417	17:59	402	14:40	0.0	0.0	0.0	0.0
Bassi	400	422	04:01	406	14:41	0.0	0.0	1.7	0.0
Hissar	400	418	06:03	397	11:46	0.0	0.0	0.0	0.0
Moga	400	414	06:03	396	11:48	0.0	0.0	0.0	0.0
Abdullapur	400	416	18:02	402	19:05	0.0	0.0	0.0	0.0
Nalagarh	400	424	06:00	404	14:14	0.0	0.0	16.0	0.0
Kishenpur	400	414	05:03	403	11:46	0.0	0.0	0.0	0.0
Wagoora	400	406	02:02	389	19:28	0.0	2.8	0.0	0.0
Amritsar	400	416	06:02	393	15:44	0.0	0.0	0.0	0.0
Kashipur	400	419	02:03	411	14:24	0.0	0.0	0.0	0.0
Hamirpur	400	402	00:00	402	00:00	0.0	0.0	0.0	0.0
Rishikesh	400	408	18:02	389	11:50	0.0	0.1	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	772	18:02	740	14:43	0.0	1.2	0.0	0.0
Balia	765	757	00:00	757	00:00	0.0	0.0	0.0	0.0
Moga	765	792	06:02	758	11:47	0.0	0.0	0.0	0.0
Agra	765	790	18:03	754	14:43	0.0	0.0	0.0	0.0
Bhiwani	765	796	18:02	763	11:45	0.0	0.0	0.0	0.0
Unnao	765	761	18:03	732	14:40	0.0	23.4	0.0	0.0
Lucknow	765	781	18:01	747	14:25	0.0	0.0	0.0	0.0
Meerut	765	805	06:03	766	11:49	0.0	0.0	0.9	0.0
Jhatikara	765	797	06:00	755	12:14	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	760	00:00	760	00:00	0.0	0.0	0.0	0.0
Phagi	765	779	04:14	756	12:40	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	507.03	1396.66	506.67	1382.01	2099.78	1147.37
Pong	426.72	384.05	420.91	931.43	409.73	484.26	2224.43	527.91
Tehri	829.79	740.04	806.60	735.93	806.40	732.01	906.36	463.00
Koteshwar	612.50	598.50	610.32	4.69	610.85	4.95	463.00	478.45
Chamera-I	760.00	748.75	757.62	0.00	0.00	0.00	478.35	356.57
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	523.95	10.79	519.52	11.14	365.92	421.76

\* 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	1485	269	0	1334	151	0	35.34	5.23	40.57
Delhi	368	-68	0	361	-84	0	8.44	2.82	11.27
Haryana	1577	200	0	1583	222	0	37.90	0.01	37.91
HP	-1154	-449	0	-938	-461	0	-23.65	-11.02	-34.67
J&K	-741	-76	0	-489	35	0	-13.24	-0.83	-14.07
CHD	0	0	0	0	-12	0	0.24	-0.14	0.10
Rajasthan	-495	635	0	-495	552	0	-11.89	13.93	2.04
UP	988	0	0	669	0	0	16.37	1.02	17.39
Uttarakhand	-289	-242	0	-199	-27	0	-5.65	-3.54	-9.19
<b>Total</b>	<b>1740</b>	<b>270</b>	<b>0</b>	<b>1825</b>	<b>376</b>	<b>0</b>	<b>43.85</b>	<b>7.50</b>	<b>51.35</b>

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	1562	1334	269	151	0	0
Delhi	617	105	470	-253	0	-2
Haryana	1616	1528	232	-467	0	0
HP	-852	-1190	-438	-504	0	0
J&K	-489	-741	35	-151	0	0
CHD	30	0	0	-40	0	0
Rajasthan	-495	-495	677	210	2	0
UP	993	501	367	0	0	0
Uttarakhand	-199	-289	-21	-242	0	0

**XI. System Constraints:**

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

**XIII. Weather Conditions For 10.08.2015 :**

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

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

765kV Phagi-Gwalior-II synchronised first time at 00:58 hrs. on 11/08/15.

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

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