

# पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पावरसिड की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)



## उत्तरी क्षेत्रीय भार प्रेषण केंद्र

CIN: U40105DL2009GOI188682

Power Supply Position in Northern Region for 26.10.2015

Date of Reporting : 27.10.2015

### I. Regional Availability/Demand:

Evening Peak (19:00 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
38741	1819	40560	50.12	29530	1909	31439	50.14	802.2	41.95

\* 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	34.51	10.70		45.21	42.21	42.30	0.09	87.50	0.00
Haryana	58.91	0.52		59.43	54.02	53.12	-0.90	112.55	0.00
Rajasthan	126.85	3.87	14.97	145.69	56.22	58.01	1.79	203.70	0.00
Delhi	14.14			14.14	57.68	56.09	-1.59	70.23	0.22
UP	115.00	8.78		123.77	111.36	112.13	0.77	235.90	33.86
Uttarakhand		10.44		10.44	21.28	21.96	0.68	32.40	0.00
HP		7.03		7.03	15.59	16.17	0.58	23.20	0.00
J & K		8.47	0.00	8.47	27.44	24.78	-2.66	33.25	7.88
Chandigarh				0.00	3.66	3.49	0.27	3.49	0.00
<b>Total</b>	<b>349.40</b>	<b>49.79</b>	<b>14.97</b>	<b>414.16</b>	<b>389.46</b>	<b>388.06</b>	<b>-0.97</b>	<b>802.22</b>	<b>41.95</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 (19:00 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	4420	0	82	-487	2586	0	64	-567	4420
Haryana	6752	0	-238	-324	3242	0	-116	-637	6752
Rajasthan	8438	0	-296	-574	8557	0	220	590	9429
Delhi	3466	110	-2	3	2420	0	-142	-243	3646
UP	10692	1225	2	70	9806	1730	107	145	10844
Uttarakhand	1657	0	11	345	1051	0	-47	279	1657
HP	1190	0	99	-453	756	0	43	98	1190
J&K	1938	484	197	161	1014	179	-238	161	1938
Chandigarh	188	0	-24	-76	99	0	-7	-10	188
<b>Total</b>	<b>38741</b>	<b>1819</b>	<b>-170</b>	<b>-1335</b>	<b>29530</b>	<b>1909</b>	<b>-115</b>	<b>-186</b>	<b>38741</b>

\* STOA figures are at sellers boundary & PX figures are at regional boundary.

# figures may not be at simultaneous hour.

Diversity is 1.03

### III. Regional Entities :

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	
								(+ve)	(-ve)
<b>A. NTPC</b>									
Singrauli STPS (5*200+2*500)	2000	1900	2040	1992	43.96	1832	43.19	0.78	
Rihand I STPS (2*500)	1000	858	858	675	16.01	667	15.60	0.41	
Rihand II STPS (2*500)	1000	955	771	683	16.68	695	16.48	0.20	
Rihand III STPS (2*500)	1000	480	370	346	9.21	384	9.05	0.16	
Dadri I STPS (4*210)	840	800	138	141	3.37	141	3.38	0.00	
Dadri II STPS (2*490)	980	970	660	666	15.76	657	16.60	-0.84	
Uncharhar I TPS (2*210)	420	200	143	144	3.30	137	3.36	-0.06	
Uncharhar II TPS (2*210)	420	400	270	289	6.34	264	6.72	-0.38	
Uncharhar III TPS (1*220)	210	200	133	131	3.03	126	3.36	-0.33	
ISTPP (Jhajjar) (3*500)	1500	980	625	638	13.80	575	13.82	-0.02	
Dadri GPS (4*130.19+2*154.51)	830	607	451	452	10.56	440	10.66	-0.10	
Anta GPS (3*88.71+1*153.2)	419	409	-1	-1	0.00	0	0.00	0.00	
Auraiya GPS (4*111.19+2*109.30)	663	641	214	215	5.01	209	4.98	0.03	
Dadri Solar	5	1	0	0	0.02	1	0.02	0.00	
Uncharhar Solar	10	3	0	0	0.02	1	0.06	-0.04	
Singrauli Solar	15	2	0	0	0.02	1	0.05	-0.03	
KHEP	800	873	541	0	4.35	181	4.20	0.15	
<b>Sub Total (A)</b>	<b>12112</b>	<b>10278</b>	<b>7031</b>	<b>6371</b>	<b>151</b>	<b>6310</b>	<b>152</b>	<b>0</b>	
<b>B. NPC</b>									
NAPS (2*220)	440	399	438	440	9.54	398	9.58	-0.03	
RAPS- B (2*220)	440	398	441	444	9.57	399	9.55	0.02	
RAPS- C (2*220)	440	400	450	444	9.60	400	9.60	0.00	
<b>Sub Total (B)</b>	<b>1320</b>	<b>1197</b>	<b>1329</b>	<b>1328</b>	<b>28.71</b>	<b>1196</b>	<b>28.73</b>	<b>-0.02</b>	
<b>C. NHPC</b>									
Chamera I HPS (3*180)	540	540	545	0	5.45	227	5.30	0.15	
Chamera II HPS (3*100)	300	300	303	0	2.39	100	2.22	0.17	
Chamera III HPS (3*77)	231	229	229	0	1.44	60	1.35	0.09	
Bairasuli HPS(3*60)	180	179	115	0	1.07	45	1.02	0.05	
Saikal-HPS (6*115)	690	390	450	450	10.22	426	9.24	0.98	
Tanakpur-HPS (3*40)	94	39	40	53	1.09	46	0.95	0.15	
Uri-I HPS (4*120)	480	343	360	355	8.52	355	8.22	0.30	
Uri-II HPS (4*60)	240	238	242	242	5.78	241	5.72	0.07	
Dhauliganga-HPS (4*70)	280	280	276	0	1.74	73	1.61	0.13	
Dulhasti-HPS (3*130)	390	387	399	122	6.03	251	5.50	0.53	
Sewa-II HPS (3*40)	120	119	121	38	2.54	106	2.39	0.15	
Parbati 3 (4*130)	520	260	0	0	0.81	34	0.59	0.22	
<b>Sub Total (C)</b>	<b>4065</b>	<b>3305</b>	<b>3080</b>	<b>1261</b>	<b>47</b>	<b>1962</b>	<b>44</b>	<b>3</b>	
<b>D.SJVNL</b>									
NJPC (6*250)	1500	1605	1244	0	13.36	557	13.26	0.10	
Rampur HEP (6*68.67)	412	360	375	0	3.77	157	3.60	0.17	
<b>Sub Total (D)</b>	<b>1912</b>	<b>1965</b>	<b>1619</b>	<b>0</b>	<b>17.13</b>	<b>714</b>	<b>16.86</b>	<b>0.26</b>	
<b>E. THDC</b>									
Tehri HPS (4*250)	1000	1080	1032	0	7.83	326	7.50	0.33	
Koteshwar HPS (4*100)	400	92	101	91	2.24	93	2.20	0.04	
<b>Sub Total (E)</b>	<b>1400</b>	<b>1172</b>	<b>1133</b>	<b>91</b>	<b>10.07</b>	<b>419</b>	<b>9.70</b>	<b>0.37</b>	
<b>F. BBMB</b>									
Bhakra HPS (2*108+3*126+5*157)	1379	533	1063	389	13.35	556	12.79	0.56	
Dehar HPS (6*165)	990	217	660	140	5.48	228	5.21	0.27	
Pong HPS (6*66)	396	201	324	132	4.86	203	4.82	0.04	
<b>Sub Total (F)</b>	<b>2765</b>	<b>951</b>	<b>2047</b>	<b>661</b>	<b>23.69</b>	<b>987</b>	<b>22.82</b>	<b>0.87</b>	
<b>G. IPP(s)/JV(s)</b>									
ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	90	0	0.83	35	0.80	0.04	
KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	800	230	6.99	291	6.96	0.03	
Malana Stg-II HPS (2*50)	100	0	0	10	0.37	15	0.34	0.03	
Shree Cement TPS (2*150)	300	0	260	259	6.20	258	6.24	-0.05	
Budhil HPS(IPP) (2*35)	70	0	75	0	0.39	16	0.38	0.01	
Sub Total (G)	1662	0	1225	498	14.78	616	14.71	0.07	
<b>H. Total Regional Entities (A-G)</b>	<b>25237</b>	<b>18867</b>	<b>17464</b>	<b>10210</b>	<b>292.92</b>	<b>12205</b>	<b>288.44</b>	<b>4.48</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	160	160	3.50	146
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	180	200	4.37	182
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	201	203	4.51	188
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	355	351	7.77	324
	Talwandi Saboo (2*660)	1320	688	468	14.36	598
	<b>Thermal (Total)</b>	<b>5360</b>	<b>1584</b>	<b>1382</b>	<b>34.51</b>	<b>1438</b>
	Total Hydro	1000	440	310	10.70	446
<b>Total Punjab</b>	<b>6360</b>	<b>2024</b>	<b>1692</b>	<b>45.21</b>	<b>1884</b>	
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	440	440	10.21	426
	DCRTPP (Yamuna nagar) (2*300)	600	525	453	10.93	455
	Faridabad GPS (NTPC)	432	0	176	0.97	40
	RGTTP (khedar) (IPP) (2*600)	1200	815	746	18.48	770
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	816	741	18.33	764
	<b>Thermal (Total)</b>	<b>4944</b>	<b>2596</b>	<b>2556</b>	<b>58.91</b>	<b>2455</b>
	Total Hydro	62	24	19	0.52	22
	<b>Total Haryana</b>	<b>5006</b>	<b>2620</b>	<b>2575</b>	<b>59.43</b>	<b>2476</b>
	Rajasthan	kota TPS (2*110+2*195+3*210)	1240	1015	1012	24.52
suratgarh TPS (6*250)		1500	988	1001	23.97	999
Chabra TPS (4*250)		1000	364	83	5.55	231
Dholpur GPS (3*110)		330	0	0	0.00	0
Ramgarh GPS (1*37.5 + 1*35.5 +2*37.5 +1*110 +1*50)		271	68	183	2.05	85
RAPS A (NPC) (1*100+1*200)		300	159	158	3.93	164
Barsingar (NLC) (2*125)		250	190	156	4.34	181
Giral LTPS (2*125)		250	72	29	0.92	38
Rajwest LTPS (IPP) (8*135)		1080	819	816	17.53	730
VS LIGNITE LTPS (IPP) (1*135)		135	0	0	0.00	0
Kalisindh Thermal(2*600)		1200	915	931	21.06	877
Kawai(Adani) (2*660)		1320	889	933	22.98	958
<b>Thermal (Total)</b>		<b>8876</b>	<b>5479</b>	<b>5302</b>	<b>127</b>	<b>5285</b>
Total Hydro		550	131	159	3.87	161
Wind power		3214	382	538	11.86	494
Biomass		99	33	33	0.80	33
Solar		730	0	0	2.31	96
Renewable/Others (Total)		4043	415	571	14.97	624
<b>Total Rajasthan</b>		<b>13469</b>	<b>6025</b>	<b>6032</b>	<b>145.69</b>	<b>6070</b>
UP		Anpara TPS (3*210+2*500)	1630	1355	1345	31.90
	Obra TPS (2*50+2*94+5*200)	1194	473	439	10.70	446
	Paricha TPS (2*110+2*220+2*250)	1140	473	644	12.70	529
	Panki TPS (2*105)	210	131	117	3.00	125
	Haridwar TPS (1*60+1*105+2*250)	665	404	513	10.50	438
	Tanda TPS (NTPC) (4*110)	440	273	274	6.71	280
	Roza TPS (IPP) (4*300)	1200	577	568	13.79	575
	Anpara-C (IPP) (2*600)	1200	646	643	15.46	644
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	58	58	1.35	56
	Anpara-D(1*500)	500	0	0	0.00	0
	Lalitpur TPS(1*660)	660	395	0	6.48	270
	<b>Thermal (Total)</b>	<b>9289</b>	<b>4785</b>	<b>4601</b>	<b>113</b>	<b>4691</b>
	Vishnuparyag HPS (IPP)(4*110)	440	152	152	3.64	152
	Alakanada(4*82.5)	330	85	115	2.44	102
	Other Hydro	527	168	55	2.70	112
	Cogeneration	981	100	100	2.40	100
	<b>Total UP</b>	<b>11567</b>	<b>5290</b>	<b>5023</b>	<b>124</b>	<b>5157</b>
Uttarakhand	Total Hydro	1398	446	380	10.44	435
	<b>Total Uttarakhand</b>	<b>1398</b>	<b>446</b>	<b>380</b>	<b>10.44</b>	<b>435</b>
Delhi	Rajghat TPS (2*67.5)	135	0	0	-0.01	0
	Delhi Gas Turbine (6x30 + 3x34)	282	37	32	0.91	38
	Pragati Gas Turbine (2x104+ 1x122)	330	151	154	3.68	153
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	250	251	6.01	250
	Badarpur TPS (NTPC) (3*95+2*210)	705	163	163	3.55	148
	<b>Thermal (Total)</b>	<b>2917</b>	<b>601</b>	<b>600</b>	<b>14.14</b>	<b>589</b>
	<b>Total Delhi</b>	<b>2917</b>	<b>601</b>	<b>600</b>	<b>14.14</b>	<b>589</b>
HP	Baspa HPS (IPP) (3*100)	300	59	59	1.82	76
	Malana HPS (IPP) (2*43)	86	32	0	0.39	16
	Other Hydro	878	234	194	4.83	201
	<b>Total HP</b>	<b>1264</b>	<b>325</b>	<b>253</b>	<b>7.03</b>	<b>293</b>
J & K	Baglihar HPS (IPP) (3*150)	450	300	240	6.12	255
	Other Hydro/IPP	560	109	91	2.35	98
	Gas/Diesel/Others	190	0	0	0.00	0
	<b>Total J &amp; K</b>	<b>1200</b>	<b>409</b>	<b>331</b>	<b>8.47</b>	<b>353</b>
<b>Total State Control Area Generation</b>		<b>43181</b>	<b>17740</b>	<b>16886</b>	<b>414.16</b>	<b>17257</b>
<b>J. Net Inter Regional Exchange (Import +ve)/Export (-ve)]</b>			<b>4853</b>	<b>3813</b>	<b>112.59</b>	<b>4691</b>
<b>Total Regional Availability(Gross)</b>		<b>68418</b>	<b>40057</b>	<b>30910</b>	<b>819.67</b>	<b>34153</b>

#### IV. Total Hydro Generation:

Regional Entities Hydro	12234	9310	2252	110.52	4605
State Control Area Hydro	6581	2180	1774	50	2075
<b>Total Regional Hydro</b>	<b>18815</b>	<b>11490</b>	<b>4026</b>	<b>160.31</b>	<b>6680</b>

**V(A). Inter Regional Exchange [Import (+ve)/Export (-ve)] [Linkwise]**

Element	Peak(19:00 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	0	250	0.00	6.09	-6.09
765 KV Gwalior-Agra (D/C)	1812	1100	2392	0	40.81	0.00	40.81
400 KV Zerda-Kankrol	-225	-294	0	328	0.00	5.06	-5.06
400 KV Zerda-Bhinmal	-197	-243	2	329	0.00	3.77	-3.77
220 KV Auraiya-Malanpur	-92	-149	0	145	0.00	2.24	-2.24
220 KV Badoh-Kota/Morak	-123	-193	0	207	0.00	3.57	-3.57
Mundra-Mohindergarh(HVDC Bipole)	1802	2001	2021	0	44.80	0.00	44.80
400 KV Vindhychal - Rihand	0	0	0	0	0.00	0.00	0.00
765 kV Phagi-Gwalior (D/C)	415	442	904	0	15.28	0.00	15.28
<b>Sub Total WR</b>	<b>3142</b>	<b>2414</b>			<b>100.88</b>	<b>20.73</b>	<b>80.16</b>
Pusauli Bypass/HVDC	400	400	400	0	9.03	0.00	9.03
400 KV MZP- GKP (D/C)	170	104	304	170	2.34	0.00	2.34
400 KV Patna-Balia(D/C) X 2	383	314	512	0	9.62	0.00	9.62
400 KV B'Shanif-Balia (D/C)	90	29	175	97	0.26	0.00	0.26
765 KV Gaya-Balia	7	3	197	17	0.83	0.00	0.83
765 KV Gaya-Fatehpur	49	51	192	93	1.36	0.00	1.36
220 KV Pusauli-Sahupuri	105	144	177	0	3.23	0.00	3.23
132 KV K'nasa-Sahupuri	0	0	0	0	0.96	0.00	0.96
132 KV Son Ngr-Rihand	-36	-26	0	-36	0.00	-0.66	0.66
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	267	94	0	287	0.00	2.74	-2.74
400 KV Barh -GKP (D/C)	276	286	344	0	6.87	0.00	6.87
<b>Sub Total ER</b>	<b>1711</b>	<b>1399</b>			<b>34.50</b>	<b>2.08</b>	<b>32.43</b>
+/- 800 KV BiswanathChariali-Agra	0	0	0	0	0.00	0.00	0.00
<b>Sub Total NEH</b>	<b>0</b>	<b>0</b>			<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>Total IR Exch</b>	<b>4853</b>	<b>3813</b>			<b>135.39</b>	<b>22.80</b>	<b>112.59</b>

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

ER	ISGS/LT Schedule (MU)		Bilateral Schedule (MU)			Power Exchange Shdi (MU)		Wheeling (MU)	
	Bhutan	Total	Through ER	Through WR	Total	Through ER	Through WR	Through ER	Through WR
25.92	1.57	27.49	2.52	-22.12	13.32	-0.31	1.44	-1.44	
<b>Total IR Schedule (MU)</b>									
44.78	70.93	115.71	32.43	80.16	112.59	-12.35	9.23	-3.12	

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

Element	Peak(19:00 Hrs)	Off Peak(03:00 Hrs)	Maximum Interchange (MW)		Energy (MU)		Net Energy MU
	MW	MW	Import	Export	Import	Export	
132 KV Tanakpur - Mahendarnagar	0	0	0	0	0	0	0.00

**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	0.69	9.11	49.09	68.29	16.59	6.05	0.46	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)	(Hz)	(Hz)
50.31	14.45	49.74	17.22	50.00	0.052	0.072	50.18	49.91

**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	409	00:00	400	12:43	0.0	0.0	0.0	0.0
Gorakhpur	400	419	04:03	405	17:52	0.0	0.0	0.0	0.0
Bareilly	400	419	04:02	398	18:08	0.0	0.0	0.0	0.0
Kanpur	400	411	04:02	405	18:10	0.0	0.0	1.2	0.0
Dadri	400	425	02:59	401	18:43	0.0	0.0	22.0	0.0
Ballabhgarh	400	430	02:59	404	18:42	0.0	0.0	27.7	0.0
Bawana	400	429	04:02	403	18:20	0.0	0.0	25.1	0.0
Bassi	400	421	04:02	396	18:08	0.0	0.0	0.6	0.0
Hissar	400	423	02:58	397	18:40	0.0	0.0	12.9	0.0
Moga	400	425	00:53	402	18:41	0.0	0.0	21.4	0.0
Abdullapur	400	430	03:55	399	18:41	0.0	0.0	23.4	0.0
Nalagarh	400	438	01:19	407	18:41	0.0	0.0	50.3	21.6
Kishenpur	400	427	02:58	397	18:20	0.0	0.0	19.6	0.0
Wagoora	400	422	14:44	377	18:14	2.6	19.9	0.4	0.0
Amritsar	400	431	01:02	176	03:02	0.0	0.0	31.1	0.1
Kashipur	400	418	23:27	410	18:07	0.0	0.0	0.0	0.0
Hamirpur	400	425	00:00	404	06:30	0.0	0.0	19.9	0.0
Rishikesh	400	414	01:06	395	06:48	0.0	0.0	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	779	04:02	744	18:11	0.0	0.0	0.0	0.0
Balia	765	775	04:02	749	18:11	0.0	0.0	0.0	0.0
Moga	765	806	04:01	761	18:40	0.0	0.0	16.0	0.0
Agra	765	796	04:02	757	18:11	0.0	0.0	0.0	0.0
Bhiwani	765	809	02:53	768	18:09	0.0	0.0	22.5	0.0
Unnao	765	768	00:00	741	18:09	0.0	0.4	0.0	0.0
Lucknow	765	780	04:03	750	18:08	0.0	0.0	0.0	0.0
Meerut	765	813	01:15	758	18:42	0.0	0.0	17.7	0.0
Jhatikara	765	0	00:00	9999	00:00	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	780	02:51	760	18:14	0.0	0.0	0.0	0.0
Phagi	765	791	03:59	752	18:52	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	509.63	1530.03	507.60	1426.07	277.93	349.57
Pong	426.72	384.05	418.95	834.82	414.28	644.91	72.89	283.85
Tehri	829.79	740.04	818.55	972.00	823.90	1083.00	82.53	177.00
Koteshwar	612.50	598.50	610.81	4.69	609.33	4.21	177.00	147.29
Chamera-I	760.00	748.75	756.08	0.00	0.00	0.00	11.91	148.10
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	512.03	4.35	510.39	3.00	214.53	144.64

\* NA: Not Available

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

State	Off- Peak Hours (03:00 Hrs)			Peak Hours (19:00 Hrs)			Day Energy (MU)		
	Bilateral (MW)	IEX (MW)	PXIL (MW)	Bilateral (MW)	IEX (MW)	PXIL (MW)	Bilateral (MU)	IEX / PXIL (MU)	Total (MU)
Punjab	-695	127	0	-700	213	0	-13.46	4.35	-9.11
Delhi	-186	-58	0	-135	138	0	-3.60	2.61	-1.00
Haryana	-560	-77	0	-560	236	0	-13.44	1.76	-11.68
HP	-50	149	0	25	-478	0	0.72	-1.21	-0.49
J&K	171	-10	0	171	-10	0	4.21	-0.34	3.87
CHD	0	-10	0	0	-76	0	0.00	-0.47	-0.47
Rajasthan	-5	594	1	-5	-569	1	1.62	8.61	10.23
UP	145	0	0	70	0	0	2.27	0.00	2.27
Uttarakhand	196	83	0	196	149	0	4.71	4.23	8.94
<b>Total</b>	<b>-984</b>	<b>798</b>	<b>1</b>	<b>-939</b>	<b>-397</b>	<b>1</b>	<b>-16.97</b>	<b>19.54</b>	<b>2.56</b>

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-296	-700	230	115	0	0
Delhi	-135	-236	356	-179	0	0
Haryana	-560	-560	257	-557	0	0
HP	127	-151	159	-633	0	0
J&K	185	171	-10	-25	0	0
CHD	0	0	20	-76	0	0
Rajasthan	189	-5	620	-736	1	0
UP	222	-13	0	0	0	0
Uttarakhand	196	196	442	4	0	0

**XI. System Constraints:**

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

**XIII. Weather Conditions For 26.10.2015 :**  
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 :**