

# पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पावरसिड की पूर्ण स्वामित्व प्राप्त महायक कंपनी)



## उत्तरी क्षेत्रीय भार प्रेषण केंद्र

Power Supply Position in Northern Region for 14.10.2014  
Date of Reporting : 15.10.2014

### 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
34192	1100	35292	50.18	30847	180	31027	50.12	747.5	7.41

\* 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	39.79	11.05		50.84	3928	56.55	0.96	108.35	0.00
Haryana	61.44	0.62		62.07	55.31	52.93	-2.38	115.00	0.00
Rajasthan	128.36	4.14	16.20	148.69	36.42	29.10	-7.32	177.79	0.00
Delhi	30.05			30.05	48.07	47.62	-0.45	77.66	0.00
UP	94.90	7.40	1.20	103.50	81.49	76.60	-4.89	180.10	6.19
Uttarakhand		10.83		10.83	18.00	18.86	0.86	29.69	1.22
HP		10.09		10.09	12.82	13.68	0.86	23.77	0.00
J & K		8.52	0.00	8.52	20.32	22.80	2.48	31.32	0.00
Chandigarh				0.00	3.66	3.81	0.15	3.81	0.00
<b>Total</b>	<b>354.54</b>	<b>52.65</b>	<b>17.40</b>	<b>424.59</b>	<b>332.64</b>	<b>322.89</b>	<b>-9.75</b>	<b>747.48</b>	<b>7.41</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	4955	0	-66	1031	3928	0	-262	295	5074
Haryana	5640	0	-601	262	4503	0	48	67	6102
Rajasthan	7716	0	-337	-310	7159	0	-360	151	7959
Delhi	3629	0	-23	-28	2892	0	-104	-268	3722
UP	7755	1030	-464	250	9215	180	-206	1836	9215
Uttarakhand	1437	70	-65	99	1203	0	79	323	1553
HP	1177	0	-8	-220	767	0	-24	24	1238
J&K	1696	0	189	-109	1052	0	13	-273	1800
Chandigarh	188	0	-21	0	128	0	3	0	192
<b>Total</b>	<b>34192</b>	<b>1100</b>	<b>-1397</b>	<b>560</b>	<b>30847</b>	<b>180</b>	<b>-813</b>	<b>2155</b>	<b>34725</b>

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

# figures may not be at simultaneous hour.

Diversity is 1.06

### 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 Net MU
<b>A. NTPC</b>								
Singrauli STPS (5*200+2*500)	2000	1053	1031	1276	24.55	1023	24.34	0.21
Rihand I STPS (2*500)	1000	749	771	669	17.82	742	16.58	1.24
Rihand II STPS (2*500)	1000	763	785	672	18.36	765	17.06	1.30
Rihand III STPS (2*500)	1000	574	462	750	13.49	562	12.61	0.87
Dadri I STPS (4*210)	840	813	616	573	16.19	675	15.47	0.72
Dadri II STPS (2*490)	980	483	394	381	9.19	383	9.41	-0.22
Unchahar I TPS (2*210)	420	166	147	191	3.73	155	3.28	0.45
Unchahar II TPS (2*210)	420	326	283	307	6.88	287	6.09	0.78
Unchahar III TPS (1*220)	210	172	148	186	3.91	163	3.36	0.55
I-STPP (Jhajhar) (3*500)	1500	990	708	612	14.64	610	15.23	-0.60
Dadri GPS (4*130.19+2*154.51)	830	788	200	191	4.34	181	4.56	-0.21
Anta GPS (3*88.71+1*153.2)	419	393	0	0	0.00	0	0.00	0.00
Auraiva GPS (4*111.19+2*109.30)	663	482	166	164	3.91	163	3.78	0.13
Dadri Solar	5	1	0	0	0.01	0	0.03	-0.02
Unchahar Solar	10	3	0	0	0.00	0	0.07	-0.07
<b>Sub Total (A)</b>	<b>11297</b>	<b>7756</b>	<b>5711</b>	<b>5972</b>	<b>137</b>	<b>5709</b>	<b>132</b>	<b>5</b>
<b>B. NPC</b>								
NAPS (2*220)	440	281	325	323	6.72	280	6.74	-0.03
RAPS-B (2*220)	440	399	445	443	9.53	397	9.58	-0.05
RAPS-C (2*220)	440	185	209	208	4.43	185	4.44	-0.01
<b>Sub Total (B)</b>	<b>1320</b>	<b>865</b>	<b>979</b>	<b>974</b>	<b>20.67</b>	<b>861</b>	<b>20.76</b>	<b>-0.09</b>
<b>C. NHPC</b>								
Chamera I HPS (3*180)	540	534	453	0	3.69	154	3.30	0.39
Chamera II HPS (3*100)	300	300	302	0	2.37	99	2.35	0.02
Chamera III HPS (3*77)	231	229	210	0	1.52	63	1.50	0.02
Bairasuli HPS(3*60)	180	120	120	0	1.06	44	1.00	0.06
Salal-HPS (6*115)	690	300	405	327	7.49	312	7.20	0.29
Tanakpur-HPS (3*40)	94	66	65	68	1.57	65	1.58	-0.01
Uri-I HPS (4*120)	480	414	283	442	10.49	437	9.93	0.56
Uri-II HPS (4*60)	240	236	232	241	5.70	238	5.67	0.03
Dhauliganga-HPS (4*70)	280	86	206	68	2.13	89	2.07	0.06
Dulhasti-HPS (3*130)	390	387	395	267	6.67	278	6.50	0.17
Sewa-II HPS (3*40)	120	119	117	0	0.51	21	0.50	0.01
Parbati 3 (4*130)	520	260	260	0	0.79	33	0.78	0.01
<b>Sub Total (C)</b>	<b>4065</b>	<b>3052</b>	<b>3048</b>	<b>1413</b>	<b>44</b>	<b>1833</b>	<b>42</b>	<b>2</b>
<b>D. SJVNL</b>								
NJPC (6*250)	1500	1605	1244	201	13.42	559	13.46	-0.05
Rampur HEP (4*68.67)	275	143	289	60	3.01	126	3.13	-0.12
<b>Sub Total (D)</b>	<b>1775</b>	<b>1748</b>	<b>1533</b>	<b>261</b>	<b>16.43</b>	<b>684</b>	<b>16.59</b>	<b>-0.17</b>
<b>E. THDC</b>								
Tehri HPS (4*250)	1000	1060	1060	0	5.42	226	5.40	0.02
Koteshwar HPS (4*100)	400	91	100	91	1.77	74	1.75	0.02
<b>Sub Total (E)</b>	<b>1400</b>	<b>1151</b>	<b>1160</b>	<b>91</b>	<b>7.19</b>	<b>300</b>	<b>7.15</b>	<b>0.04</b>
<b>F. BBMB</b>								
Bhakra HPS (3*108+2*126+6*157)	1514	679	1178	545	16.47	686	16.30	0.17
Dehar HPS (6*165)	990	209	660	140	5.17	215	5.01	0.16
Pong HPS (6*66)	396	216	324	192	5.28	220	5.19	0.09
<b>Sub Total (F)</b>	<b>2900</b>	<b>1104</b>	<b>2162</b>	<b>877</b>	<b>26.91</b>	<b>1121</b>	<b>26.50</b>	<b>0.42</b>
<b>G. IPP(s)/JV(s)</b>								
ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	74	0	0.95	40	0.91	0.04
KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	735	180	7.44	310	7.43	0.01
Malana Stg-II HPS (2*50)	100	0	0	0	0.00	0	0.00	0.00
Shree Cement TPS (2*150)	300	0	149	146	3.67	153	4.26	-0.59
Budhil HPS(IPP)	70	0	26	0	0.36	15	0.36	0.00
<b>Sub Total (G)</b>	<b>1662</b>	<b>0</b>	<b>984</b>	<b>326</b>	<b>12.42</b>	<b>518</b>	<b>12.96</b>	<b>-0.54</b>
<b>H. Total Regional Entities (A-G)</b>	<b>24419</b>	<b>15676</b>	<b>15577</b>	<b>9914</b>	<b>264.62</b>	<b>11026</b>	<b>258.22</b>	<b>6.40</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	170	160	4.14	173
	Guru Nanak Dev TPS(Bhatinda) (4*110)	440	80	80	1.72	72
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	203	192	4.71	196
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	1114	1362	29.23	1218
	Talwandi Saboo (1*660)	660	0	0	0.00	0
	<b>Thermal (Total)</b>	<b>4680</b>	<b>1567</b>	<b>1794</b>	<b>39.79</b>	<b>1658</b>
	Total Hydro	1148	460	504	11.05	461
<b>Total Punjab</b>	<b>5828</b>	<b>2027</b>	<b>2298</b>	<b>50.84</b>	<b>2119</b>	
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	771	605	15.49	645
	DCRTPP (Yamuna nagar) (2*300)	600	237	211	5.42	226
	Faridabad GPS (NTPC)	432	201	196	4.65	194
	RGTPP (khedar) (IPP) (2*600)	1200	728	734	17.48	728
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	830	738	18.41	767
	<b>Thermal (Total)</b>	<b>4944</b>	<b>2767</b>	<b>2484</b>	<b>61.44</b>	<b>2560</b>
	Total Hydro	62	24	26	0.62	26
	<b>Total Haryana</b>	<b>5006</b>	<b>2791</b>	<b>2510</b>	<b>62.07</b>	<b>2586</b>
	Rajasthan	kota TPS (2*110+2*195+3*210)	1240	887	916	20.80
suratgarh TPS (6*250)		1500	1029	1156	25.40	1058
Chabra TPS (3*250)		750	632	654	15.50	646
Dholpur GPS (3*110)		330	119	110	2.60	108
Ramgarh GPS (1*3 + 1*35.5 +2*37.5 +1*110 +1*50)		271	71	71	1.26	53
RAPS A (NPC) (1*100+1*200)		300	180	180	4.30	179
Barsingsar (NLC) (2*125)		250	190	190	4.20	175
Giral LTPS (2*125)		250	0	0	0.00	0
Rajwest LTPS (IPP) (8*135)		1080	832	665	19.60	817
VS LIGNITE LTPS (IPP) (1*135)		135	0	0	0.00	0
Kalisindh Thermal(1*600)		600	414	414	11.00	458
Kawai(Adani) (2*660)		1320	1161	539	23.70	988
<b>Thermal (Total)</b>		<b>8026</b>	<b>5515</b>	<b>4895</b>	<b>128</b>	<b>5348</b>
Total Hydro		550	144	187	4.14	172
Wind power		2798	411	853	15.11	630
Biomass		99	37	37	0.89	37
Solar		730	0	0	0.19	8
Renewable/Others (Total)		3627	448	890	16.20	675
<b>Total Rajasthan</b>		<b>12203</b>	<b>6107</b>	<b>5972</b>	<b>148.69</b>	<b>6196</b>
UP		Anpara TPS (3*210+2*500)	1630	851	890	19.60
	Obra TPS (2*50+2*94+5*200)	1194	329	338	7.60	317
	Paricha TPS (2*110+2*220+2*250)	1140	635	646	14.50	604
	Panki TPS (2*105)	210	122	153	3.20	133
	Harduaganj TPS (1*60+1*105+2*250)	665	425	439	9.50	396
	Tanda TPS (NTPC) (4*110)	440	144	242	4.50	188
	Roza TPS (IPP) (4*300)	1200	567	810	14.90	621
	Anpara-C (IPP) (2*600)	1200	851	802	17.60	733
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	0	255	3.50	146
	<b>Thermal (Total)</b>	<b>8129</b>	<b>3924</b>	<b>4575</b>	<b>94.90</b>	<b>3954</b>
	Vishnuparyag HPS (IPP)	400	217	217	5.20	217
	Other Hydro	527	105	86	2.20	92
	Cogeneration	981	50	50	1.20	50
	<b>Total UP</b>	<b>10037</b>	<b>4296</b>	<b>4928</b>	<b>103.50</b>	<b>4096</b>
	Uttarakhand	Total Hydro	1398	618	402	10.83
<b>Total Uttarakhand</b>		<b>1398</b>	<b>618</b>	<b>402</b>	<b>10.83</b>	<b>451</b>
Delhi	Raighat TPS (2*67.5)	135	0	0	0.00	0
	Delhi Gas Turbine (6x30 + 3x34)	282	77	111	2.41	100
	Pragati Gas Turbine (2x104+ 1x122)	330	265	282	6.57	274
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (6*250)	1370	452	489	11.52	480
	Badarpur TPS (NTPC) (3*95+2*210)	705	406	381	9.54	398
	<b>Thermal (Total)</b>	<b>2917</b>	<b>1200</b>	<b>1263</b>	<b>30.05</b>	<b>1252</b>
	<b>Total Delhi</b>	<b>2917</b>	<b>1200</b>	<b>1263</b>	<b>30.05</b>	<b>1252</b>
HP	Baspa HPS (IPP) (2*150)	300	29	108	2.42	101
	Malana HPS (IPP) (2*43)	86	44	0	0.49	20
	Other Hydro	728	303	281	7.18	299
	<b>Total HP</b>	<b>1114</b>	<b>376</b>	<b>389</b>	<b>10.09</b>	<b>420</b>
J & K	Baglihar HPS (IPP) (3*150)	450	352	352	8.52	355
	Other Hydro/IPP	436	0	0	0.00	0
	Gas/Diesel/Others	209	0	0	0.00	0
	<b>Total J &amp; K</b>	<b>1094</b>	<b>352</b>	<b>352</b>	<b>8.52</b>	<b>355</b>
<b>Total State Control Area Generation</b>		<b>39597</b>	<b>17767</b>	<b>18114</b>	<b>424.59</b>	<b>17474</b>
<b>J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]</b>			<b>2667</b>	<b>3388</b>	<b>83.75</b>	<b>3489</b>
<b>Total Regional Availability(Gross)</b>		<b>64017</b>	<b>36011</b>	<b>31416</b>	<b>772.95</b>	<b>31990</b>

#### IV. Total Hydro Generation:

Regional Entities Hydro	11432	8712	2822	102.90	4287
State Control Area Hydro	5684	2079	1946	52.65	1977
<b>Total Regional Hydro</b>	<b>17116</b>	<b>10791</b>	<b>4768</b>	<b>155.55</b>	<b>6265</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 B/B	-100	-400	0	500	0.00	8.58	-8.58
Gwalior-Agra (D/C)	234	1069	1707	0	23.54	0.00	23.54
Zerda-Kankroli	-306	-390	0	455	0.00	8.13	-8.13
Zerda-Bhinmal	-276	-356	0	455	0.00	7.15	-7.15
Malanpur-Auraiya	-70	-55	0	84	0.00	2.83	-2.83
Badod-Kota/Morak	-216	-215	0	293	0.00	4.89	-4.89
Mundra-Mohindergarh(HVDC)	1200	1499	1504	0	30.00	0.00	30.00
Vindhychal - Rihand	493	450	501	0	11.22	0.00	11.22
<b>Sub Total WR</b>	<b>959</b>	<b>1602</b>			<b>64.76</b>	<b>31.57</b>	<b>33.18</b>
Pusauli Bypass	400	400	400	0	9.81	0.00	9.81
MZP- GKP (D/C)	190	288	624	0	7.33	0.00	7.33
Patna-Balia(D/C)	501	524	700	0	13.97	0.00	13.97
B'Sharif-Balia (D/C)	224	124	396	0	6.28	0.00	6.28
Pusauli-Balia	-72	-87	0	98	0.00	1.53	-1.53
Gaya-Fatehpur (765 Kv)	213	340	475	0	8.10	0.00	8.10
Pusauli-Sahupuri	170	52	170	0	2.28	0.00	2.28
K'nasa-Sahupuri	0	0	0	0	0.00	0.36	-0.36
Son Ngr-Rihand	-34	-25	0	40	0.00	0.53	-0.53
Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
Sasaram - Fatehpur(765 KV)	116	170	349	0	5.20	0.00	5.20
<b>Sub Total ER</b>	<b>1708</b>	<b>1786</b>			<b>52.98</b>	<b>2.42</b>	<b>50.56</b>
<b>Total IR Exch</b>	<b>2667</b>	<b>3388</b>			<b>117.73</b>	<b>33.99</b>	<b>83.75</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
25.79	2.18	27.97	6.85	12.55	0.66	11.12	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	Through WR	Total	Through ER	Through WR	Total
35.49	52.85	88.33	50.56	33.18	83.75	15.08	-19.66	-4.59

**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	2.95	11.14	36.99	48.01	24.59	15.43	0.83	NA

Frequency (Hz)				Average Frequency Hz	Frequency Variation Index	Std. Dev. (Hz)	Frequency in 15 Min Block	
Maximum		Minimum					MAX	MIN
Freq	Time	Freq	Time					
50.27	5.05	49.71	0.08	50.01	0.09	0.09	50.27	49.87

**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	417	04:03	410	18:25	0.0	0.0	0.0	0.0
Gorakhpur	400	421	11:00	406	17:44	0.0	0.0	0.8	0.0
Bareilly	400	420	05:07	262	18:04	1.9	1.9	0.0	0.0
Kanpur	400	424	03:58	411	16:29	0.0	0.0	21.2	0.0
Dadri	400	421	03:56	403	16:29	1.3	1.3	2.3	0.0
Ballabgarh	400	426	04:02	407	16:30	0.0	0.0	37.2	0.0
Bawana	400	421	20:59	404	16:28	0.0	0.0	1.0	0.0
Bassi	400	428	04:03	408	08:50	0.0	0.0	27.4	0.0
Hissar	400	417	03:59	400	16:24	0.0	0.0	0.0	0.0
Moga	400	424	23:47	407	09:09	0.0	0.0	15.8	0.0
Abdullapur	400	426	07:03	396	16:14	0.0	0.0	40.6	0.0
Nalagarh	400	429	02:55	410	16:20	0.0	0.0	55.6	0.0
Kishenpur	400	427	02:49	408	19:06	0.0	0.0	33.5	0.0
Wagoora	400	415	23:47	400	11:40	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	787	03:59	747	14:16	0.0	0.0	0.0	0.0
Balia	765	770	23:53	763	20:52	0.0	0.0	0.0	0.0
Moga	765	803	23:57	767	09:24	0.0	0.0	1.8	0.0
Agra	765	800	21:29	767	14:15	0.0	0.0	0.0	0.0
Bhiwani	765	805	20:57	766	16:30	0.0	0.0	16.7	0.0
Unnao	765	780	03:58	753	16:28	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	508.80	1485.27	510.95	1590.18	255.39	470.29
Pong	426.72	384.05	415.62	705.67	422.03	990.81	77.81	323.32
Tehri	829.79	740.04	824.65	1099.00	824.95	1107.00	104.04	117.00
Koteshwar	612.50	598.50	608.94	4.06	610.40	4.69	117.00	118.00
Chamera-I	760.00	748.75	756.71	0.00	0.00	0.00	85.13	100.08
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	511.64	3.03	518.65	3.16	96.00	161.00

\* 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	295	0	0	491	126	0	9.82	2.59	12.41
Delhi	-231	-7	-30	-2	-26	0	-0.73	0.89	0.16
Haryana	18	50	0	221	41	0	4.98	0.73	5.71
HP	0	24	0	0	-220	0	-0.08	-0.76	-0.83
J&K	-187	-86	0	-94	-14	0	-2.62	-0.86	-3.48
CHD	0	0	0	0	0	0	0.00	0.23	0.23
Rajasthan	-18	169	0	-18	-292	0	-0.43	-1.24	-1.67
UP	628	1178	29	250	0	0	8.18	10.67	18.85
Uttarakhand	343	-20	0	49	50	0	3.97	3.31	7.28
<b>Total</b>	<b>847</b>	<b>1309</b>	<b>-1</b>	<b>896</b>	<b>-336</b>	<b>0</b>	<b>23.09</b>	<b>15.55</b>	<b>38.64</b>

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	491	295	308	0	0	0
Delhi	148	-231	339	-188	0	-30
Haryana	631	18	52	14	0	0
HP	0	-25	231	-279	0	0
J&K	-86	-187	-10	-162	0	0
CHD	0	0	44	0	0	0
Rajasthan	-18	-18	252	-496	0	0
UP	633	229	1473	0	29	0
Uttarakhand	343	49	338	-20	0	0

**XI. System Constraints:****XII. Grid Disturbance / Any Other Significant Event:****XIII. Weather Conditions For 14.10.2014 :**

\*Partial rains in some parts of Northern Region.

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

0.00

**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 :**