

# पावर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पावरसिड की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)



## उत्तरी क्षेत्रीय भार प्रेषण केंद्र

Power Supply Position in Northern Region for 23.10.2014  
Date of Reporting : 24.10.2014

### 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
36819	368	37187	50.16	32366	960	33326	50.15	790.2	8.47

\* 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	40.55	9.97		50.52	53.69	53.21	-0.48	103.74	0.00
Haryana	59.50	0.64		60.13	52.03	49.46	-2.58	109.59	0.00
Rajasthan	127.72	2.90	2.74	133.35	41.56	41.11	-0.45	174.46	0.00
Delhi	24.61			24.61	37.87	37.45	-0.42	62.07	0.00
UP	121.00	7.40	1.20	129.60	129.88	128.52	-1.36	258.12	7.90
Uttarakhand		10.40		10.40	18.07	16.69	-1.38	27.10	0.58
HP		8.49		8.49	9.79	9.24	-0.55	17.73	0.00
J & K		6.72	0.00	6.72	27.65	27.59	-0.07	34.31	0.00
Chandigarh				0.00	3.33	3.09	-0.24	3.09	0.00
<b>Total</b>	<b>373.38</b>	<b>46.52</b>	<b>3.94</b>	<b>423.84</b>	<b>373.87</b>	<b>366.34</b>	<b>-7.53</b>	<b>790.18</b>	<b>8.47</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	5075	0	-39	-102	4774	0	55	-93	5075
Haryana	5752	0	-509	-304	4505	0	131	-43	5917
Rajasthan	6728	0	-301	-329	7580	0	-51	230	8178
Delhi	3112	0	-131	-426	2341	0	52	-707	3235
UP	12902	250	300	3338	10586	960	150	1169	13003
Uttarakhand	1361	118	-119	210	1111	0	44	389	1453
HP	911	0	-99	-421	694	0	38	14	952
J&K	815	0	-190	11	673	0	-114	84	1229
Chandigarh	163	0	-49	0	103	0	-10	0	167
<b>Total</b>	<b>36819</b>	<b>368</b>	<b>-1136</b>	<b>1978</b>	<b>32366</b>	<b>960</b>	<b>294</b>	<b>1043</b>	<b>36819</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
<b>A. NTPC</b>								
Singrauli STPS (6*200+2*500)	2000	1427	1301	1381	31.08	1295	32.36	-1.28
Rihand I STPS (2*500)	1000	872	783	874	18.04	752	19.10	-1.06
Rihand II STPS (2*500)	1000	716	383	817	15.24	635	16.02	-0.78
Rihand III STPS (2*500)	1000	957	794	954	19.71	821	21.08	-1.37
Dadri I STPS (4*210)	840	815	610	550	14.66	611	15.70	-1.03
Dadri II STPS (2*490)	980	980	678	639	15.49	645	17.05	-1.56
Unchahar I TPS (2*210)	420	369	309	358	7.53	314	7.71	-0.18
Unchahar II TPS (2*210)	420	388	302	415	7.62	318	7.81	-0.18
Unchahar III TPS (1*220)	210	194	150	200	3.76	156	3.87	-0.12
ISTPP (Jhajjar) (3*500)	1500	990	624	615	14.04	585	14.54	-0.49
Dadri GPS (4*130.19+2*154.51)	830	797	180	200	4.30	179	4.37	-0.07
Anta GPS (3*88.71+1*153.2)	419	394	208	0	1.56	65	1.70	-0.14
Auraiya GPS (4*111.19+2*109.30)	663	590	159	159	3.64	152	3.68	-0.04
Dadri Solar	5	1	0	0	0.02	1	0.03	-0.01
Unchahar Solar	10	3	0	0	0.03	1	0.07	-0.04
<b>Sub Total (A)</b>	<b>11297</b>	<b>9495</b>	<b>6481</b>	<b>7162</b>	<b>157</b>	<b>6530</b>	<b>165</b>	<b>-8</b>
<b>B. NPC</b>								
NAPS (2*220)	440	284	320	322	6.76	282	6.82	-0.06
RAPS- B (2*220)	440	400	446	449	9.59	400	9.60	-0.01
RAPS- C (2*220)	440	190	205	209	4.53	189	4.56	-0.03
<b>Sub Total (B)</b>	<b>1320</b>	<b>874</b>	<b>971</b>	<b>980</b>	<b>20.88</b>	<b>870</b>	<b>20.98</b>	<b>-0.09</b>
<b>C. NHPC</b>								
Chamera I HPS (3*180)	540	534	281	0	2.47	103	2.50	-0.03
Chamera II HPS (3*100)	300	300	301	0	2.15	89	2.10	0.05
Chamera III HPS (3*77)	231	229	224	0	1.23	51	1.24	-0.01
Bairasuli HPS(3*60)	180	178	66	0	0.77	32	0.75	0.02
Salal-HPS (6*115)	690	214	182	310	5.24	218	5.14	0.10
Tanakpur-HPS (3*40)	94	56	50	50	1.38	57	1.35	0.02
Uri-I HPS (4*120)	480	294	309	308	7.07	295	7.05	0.02
Uri-II HPS (4*60)	240	168	204	171	4.11	171	4.04	0.07
Dhauliganga-HPS (4*70)	280	75	203	11	1.85	77	1.79	0.05
Dulhasti-HPS (3*130)	390	387	402	228	5.44	227	5.20	0.24
Sewa-II HPS (3*40)	120	119	119	0	0.43	18	0.40	0.03
Parbati 3 (4*130)	520	255	131	0	0.69	29	0.78	-0.09
<b>Sub Total (C)</b>	<b>4065</b>	<b>2810</b>	<b>2472</b>	<b>1078</b>	<b>33</b>	<b>1368</b>	<b>32</b>	<b>0</b>
<b>D.SJVNL</b>								
NJPC (6*250)	1500	1605	1525	164	11.96	498	11.92	0.04
Rampur HEP (4*68.67)	275	350	378	50	3.26	136	3.14	0.13
<b>Sub Total (D)</b>	<b>1775</b>	<b>1955</b>	<b>1903</b>	<b>214</b>	<b>15.22</b>	<b>634</b>	<b>15.05</b>	<b>0.17</b>
<b>E. THDC</b>								
Tehri HPS (4*250)	1000	1049	726	0	6.93	289	7.00	-0.07
Koteshwar HPS (4*100)	400	104	200	92	2.52	105	2.50	0.02
<b>Sub Total (E)</b>	<b>1400</b>	<b>1153</b>	<b>926</b>	<b>92</b>	<b>9.46</b>	<b>394</b>	<b>9.50</b>	<b>-0.04</b>
<b>F. BBMB</b>								
Bhakra HPS (3*108+2*126+6*157)	1514	637	1176	494	15.41	642	15.30	0.12
Dehar HPS (6*165)	990	191	660	140	4.78	199	4.59	0.20
Pong HPS (6*66)	396	232	384	126	5.11	213	5.56	-0.45
<b>Sub Total (F)</b>	<b>2900</b>	<b>1060</b>	<b>2220</b>	<b>760</b>	<b>25.30</b>	<b>1054</b>	<b>25.44</b>	<b>-0.14</b>
<b>G. IPP(s)/JV(s)</b>								
ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	113	0	0.85	35	0.82	0.02
KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	0	0	0.00	0	6.00	-6.00
Malana Stg-II HPS (2*50)	100	0	0	0	0.00	0	0.00	0.00
Shree Cement TPS (2*150)	300	0	299	240	6.01	250	6.04	-0.03
Budhil HPS(IPP)	70	0	63	0	0.26	11	0.28	-0.02
<b>Sub Total (G)</b>	<b>1662</b>	<b>0</b>	<b>475</b>	<b>240</b>	<b>7.11</b>	<b>296</b>	<b>13.14</b>	<b>-6.03</b>
<b>H. Total Regional Entities (A-G)</b>	<b>24419</b>	<b>17346</b>	<b>15448</b>	<b>10526</b>	<b>267.51</b>	<b>11146</b>	<b>281.53</b>	<b>-14.02</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	300	310	7.51	313
	Guru Nanak Dev TPS(Bhatinda) (4*110)	440	80	80	1.77	74
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	409	404	8.98	374
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	709	1368	22.29	929
	Talwandi Saboo (1*660)	660	0	0	0.00	0
	<b>Thermal (Total)</b>	<b>4680</b>	<b>1498</b>	<b>2162</b>	<b>40.55</b>	<b>1690</b>
	Total Hydro	1148	436	435	9.97	416
<b>Total Punjab</b>	<b>5828</b>	<b>1934</b>	<b>2597</b>	<b>50.52</b>	<b>2105</b>	
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	614	592	13.58	566
	DCRTPP (Yamuna nagar) (2*300)	600	238	228	5.59	233
	Faridabad GPS (NTPC)	432	167	199	4.26	177
	RGTPP (khedar) (IPP) (2*600)	1200	718	716	17.34	723
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	743	739	18.74	781
	<b>Thermal (Total)</b>	<b>4944</b>	<b>2480</b>	<b>2474</b>	<b>59.50</b>	<b>2479</b>
	Total Hydro	62	23	28	0.64	26
	<b>Total Haryana</b>	<b>5006</b>	<b>2503</b>	<b>2502</b>	<b>60.13</b>	<b>2506</b>
	Rajasthan	kota TPS (2*110+2*195+3*210)	1240	1058	874	21.29
suratgarh TPS (6*250)		1500	1133	1309	28.11	1171
Chabra TPS (3*250)		750	384	446	10.46	436
Dholpur GPS (3*110)		330	101	121	2.66	111
Ramgarh GPS (1*3 + 1*35.5 +2*37.5 +1*110 +1*50)		271	146	72	4.70	196
RAPS A (NPC) (1*100+1*200)		300	174	172	4.41	184
Barsingsar (NLC) (2*125)		250	184	184	4.33	180
Giral LTPS (2*125)		250	56	51	1.01	42
Rajwest LTPS (IPP) (8*135)		1080	431	690	14.42	601
VS LIGNITE LTPS (IPP) (1*135)		135	0	0	0.00	0
Kalisindh Thermal(1*600)		600	501	166	11.04	460
Kawai(Adani) (2*660)		1320	864	1167	25.31	1055
<b>Thermal (Total)</b>		<b>8026</b>	<b>5032</b>	<b>5252</b>	<b>128</b>	<b>5322</b>
Total Hydro		550	100	109	2.90	121
Wind power		2798	5	111	1.50	62
Biomass		99	38	38	0.90	38
Solar		730	0	0	0.34	14
Renewable/Others (Total)		3627	43	149	2.74	114
<b>Total Rajasthan</b>		<b>12203</b>	<b>5175</b>	<b>5510</b>	<b>133.35</b>	<b>5556</b>
UP		Anpara TPS (3*210+2*500)	1630	898	938	21.90
	Obra TPS (2*50+2*94+5*200)	1194	449	474	10.70	446
	Paricha TPS (2*110+2*220+2*250)	1140	600	582	13.70	571
	Panki TPS (2*105)	210	158	158	3.70	154
	Harduaganj TPS (1*60+1*105+2*250)	665	482	480	11.80	492
	Tanda TPS (NTPC) (4*110)	440	390	382	9.30	388
	Roza TPS (IPP) (4*300)	1200	815	824	19.60	817
	Anpara-C (IPP) (2*600)	1200	1040	797	21.90	913
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	361	361	8.40	350
	<b>Thermal (Total)</b>	<b>8129</b>	<b>5193</b>	<b>4996</b>	<b>121.00</b>	<b>5042</b>
	Vishnuparyag HPS (IPP)	400	143	148	3.60	150
	Other Hydro	527	300	136	3.80	158
	Cogeneration	981	50	50	1.20	50
	<b>Total UP</b>	<b>10037</b>	<b>5686</b>	<b>5330</b>	<b>129.60</b>	<b>5250</b>
Uttarakhand	Total Hydro	1398	593	388	10.40	433
	<b>Total Uttarakhand</b>	<b>1398</b>	<b>593</b>	<b>388</b>	<b>10.40</b>	<b>433</b>
Delhi	Raighat TPS (2*67.5)	135	0	0	-0.02	-1
	Delhi Gas Turbine (6x30 + 3x34)	282	79	80	1.86	78
	Pragati Gas Turbine (2x104+ 1x122)	330	266	263	6.42	267
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (6*250)	1370	294	322	7.05	294
	Badarpur TPS (NTPC) (3*95+2*210)	705	373	381	9.31	388
	<b>Thermal (Total)</b>	<b>2917</b>	<b>1012</b>	<b>1046</b>	<b>24.61</b>	<b>1026</b>
<b>Total Delhi</b>	<b>2917</b>	<b>1012</b>	<b>1046</b>	<b>24.61</b>	<b>1026</b>	
HP	Baspa HPS (IPP) (2*150)	300	61	102	1.81	76
	Malana HPS (IPP) (2*43)	86	61	0	0.43	18
	Other Hydro	728	285	252	6.25	260
	<b>Total HP</b>	<b>1114</b>	<b>407</b>	<b>354</b>	<b>8.49</b>	<b>354</b>
J & K	Baglihar HPS (IPP) (3*150)	450	440	214	6.72	280
	Other Hydro/IPP	436	440	214	0.00	0
	Gas/Diesel/Others	209	0	0	0.00	0
	<b>Total J &amp; K</b>	<b>1094</b>	<b>880</b>	<b>428</b>	<b>6.72</b>	<b>280</b>
<b>Total State Control Area Generation</b>		<b>39597</b>	<b>18190</b>	<b>18155</b>	<b>423.84</b>	<b>17510</b>
<b>J. Net Inter Regional Exchange</b> [Import (+ve)/Export (-ve)]			<b>4814</b>	<b>5379.29</b>	<b>125.27</b>	<b>5220</b>
<b>Total Regional Availability(Gross)</b>		<b>64017</b>	<b>38452</b>	<b>34060</b>	<b>816.63</b>	<b>33876</b>

#### IV. Total Hydro Generation:

Regional Entities Hydro	11432	7634	2144	83.65	3485
State Control Area Hydro	5684	2739	1878	46.52	1789
<b>Total Regional Hydro</b>	<b>17116</b>	<b>10373</b>	<b>4022</b>	<b>130.17</b>	<b>5274</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	-150	-200	400	400	1.10	5.15	-4.05
Gwalior-Agra (D/C)	1907	1537	2174	0	36.91	0.00	36.91
Zerda-Kankroli	-209	-158	0	210	0.00	3.11	-3.11
Zerda-Bhinmal	-155	-92	148	208	0.00	1.39	-1.39
Malanpur-Auraiya	-34	-89	0	-104	0.00	-1.75	1.75
Badod-Kota/Morak	-109	-108	-322	0	0.00	0.00	0.00
Mundra-Mohindergarh(HVDC)	1999	2302	2305	0	49.18	0.00	49.18
Vindhychal - Rihand	441	410	451	0	9.34	0.00	9.34
<b>Sub Total WR</b>	<b>3690</b>	<b>3602</b>			<b>96.52</b>	<b>7.90</b>	<b>88.62</b>
Pusauli Bypass	400	400	400	0	9.74	0.00	9.74
MZP- GKP (D/C)	290	432	630	0	9.81	0.00	9.81
Patna-Balia(D/C)	240	403	483	0	8.37	0.00	8.37
B'Sharif-Balia (D/C)	206	125	292	0	4.70	0.00	4.70
Pusauli-Balia	-56	-113	0	117	0.00	1.95	-1.95
Gaya-Fatehpur (765 Kv)	0	233	323	0	1.95	0.00	1.95
Pusauli-Sahupuri	202	183	210	0	4.16	0.00	4.16
K'nasa-Sahupuri	0	0	0	0	0.00	0.00	0.00
Son Ngr-Rihand	-38	-36	0	45	0.00	0.92	-0.92
Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
Sasaram - Fatehpur(765 KV)	-120	150	150	121	0.80	0.00	0.80
<b>Sub Total ER</b>	<b>1124</b>	<b>1777</b>			<b>39.52</b>	<b>2.87</b>	<b>36.65</b>
<b>Total IR Exch</b>	<b>4814</b>	<b>5379</b>			<b>136.04</b>	<b>10.77</b>	<b>125.27</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
23.31	1.58	24.88	10.94	6.74	-0.75	8.04	0.62	-0.62

Total IR Schedule (MU)			Total IR Actual (MU)			Net IR UI (MU)		
Through ER	Through WR Incld Mndra	Total	Through ER	Through WR	Total	Through ER	Through WR	Total
35.70	74.32	110.02	36.65	88.62	125.27	0.95	14.30	15.25

**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	0.00	2.81	24.41	50.19	25.32	19.14	2.64	NA

←----- Frequency (Hz) ----->				Average Frequency	Frequency Variation Index	Std. Dev.	Frequency in 15 Min Block	
Maximum		Minimum					MAX (Hz)	MIN (Hz)
Freq	Time	Freq	Time	Hz				
50.39	16.07	49.81	18.14	50.05	0.08	0.08	50.39	49.98

**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	416	16:10	408	22:38	0.0	0.0	0.0	0.0
Gorakhpur	400	412	04:02	388	17:42	0.0	0.9	0.0	0.0
Bareilly	400	422	11:02	394	20:03	0.0	0.0	0.4	0.0
Kanpur	400	422	16:02	404	18:11	0.0	0.0	1.8	0.0
Dadri	400	421	15:34	407	18:20	0.0	0.0	0.5	0.0
Ballabgarh	400	427	16:04	412	18:12	0.0	0.0	64.8	0.0
Bawana	400	425	11:02	410	18:20	0.0	0.0	44.7	0.0
Bassi	400	428	16:04	410	07:25	0.0	0.0	47.8	0.0
Hissar	400	417	11:02	405	18:13	0.0	0.0	0.0	0.0
Moga	400	423	03:00	408	18:20	0.0	0.0	14.0	0.0
Abdullapur	400	424	02:01	396	18:19	0.0	0.0	26.8	0.0
Nalagarh	400	432	22:06	419	18:19	0.0	0.0	93.2	7.6
Kishenpur	400	423	02:59	399	18:21	0.0	0.0	11.9	0.0
Wagoora	400	414	03:12	384	18:21	0.0	6.6	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	778	04:02	741	18:13	0.0	0.1	0.0	0.0
Balia	765	0	00:00	9999	00:00	0.0	0.0	0.0	0.0
Moga	765	802	03:04	775	18:20	0.0	0.0	2.5	0.0
Agra	765	793	05:03	765	18:12	0.0	0.0	0.0	0.0
Bhiwani	765	807	11:02	779	18:14	0.0	0.0	14.6	0.0
Unnao	765	774	16:02	751	17:41	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	507.90	1440.82	511.08	1605.30	243.21	436.08
Pong	426.72	384.05	414.62	656.23	421.10	946.20	96.14	326.75
Tehri	829.79	740.04	824.10	1086.79	824.70	1102.00	86.23	150.00
Koteshwar	612.50	598.50	608.96	3.98	611.05	5.10	150.00	167.00
Chamera-I	760.00	748.75	756.50	0.00	0.00	0.00	73.08	66.92
Rihand	268.22	252.98	854.50	329.80	858.80	404.60	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	510.77	2.82	518.34	3.19	69.03	123.88

\* 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	-102	9	0	-102	0	0	-2.44	1.58	-0.85
Delhi	-581	-102	-25	-295	-97	-35	-9.22	-1.95	-11.17
Haryana	-42	-1	0	-7	-297	0	-0.91	-3.48	-4.39
HP	30	-16	0	-21	-400	0	0.21	-3.00	-2.79
J&K	84	0	0	20	-9	0	1.39	3.36	4.75
CHD	0	0	0	0	0	0	0.00	0.00	0.00
Rajasthan	-64	293	1	-64	-266	1	-1.64	0.38	-1.26
UP	1169	0	0	1376	1962	0	29.91	10.71	40.62
Uttarakhand	220	169	0	220	-10	0	5.28	2.80	8.09
<b>Total</b>	<b>714</b>	<b>353</b>	<b>-24</b>	<b>1128</b>	<b>883</b>	<b>-34</b>	<b>22.59</b>	<b>10.40</b>	<b>32.99</b>

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-102	-102	217	0	0	0
Delhi	-275	-581	68	-264	-25	-40
Haryana	-7	-62	78	-737	0	0
HP	81	-21	-16	-564	0	0
J&K	84	20	242	-9	0	0
CHD	0	0	0	0	0	0
Rajasthan	-64	-166	294	-728	1	1
UP	1777	904	1962	0	20	0
Uttarakhand	220	220	355	-10	0	0

**XI. System Constraints:****XII. Grid Disturbance / Any Other Significant Event:****XIII. Weather Conditions For 23.10.2014 :**

Normal

**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 :**