

# पावर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पावरसिड की पूर्ण स्वामित्व प्राप्त महायक कंपनी)



## उत्तरी क्षेत्रीय भार प्रेषण केंद्र

Power Supply Position in Northern Region for 24.09.2014  
Date of Reporting : 25.09.2014

### 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
43479	3791	47270	50.10	39665	4689	44354	50.02	970.6	100.49

\* 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	86.67	19.66		106.33	83.65	85.69	2.04	192.02	0.93
Haryana	91.24	0.75		91.99	74.02	75.06	1.04	167.05	0.00
Rajasthan	111.84	1.23	25.32	138.39	57.89	61.24	3.36	199.64	1.48
Delhi	28.04			28.04	66.12	67.32	1.20	95.36	0.42
UP	107.77	15.95	0.36	124.08	88.78	99.40	10.61	223.48	93.35
Uttarakhand		15.72		15.72	14.56	16.63	2.07	32.34	4.32
HP		17.84		17.84	7.32	8.70	1.38	26.54	0.00
J & K		12.27	0.00	12.27	16.16	16.61	0.45	28.89	0.00
Chandigarh				0.00	4.18	5.30	1.13	5.30	0.00
<b>Total</b>	<b>425.57</b>	<b>83.42</b>	<b>25.68</b>	<b>534.66</b>	<b>412.66</b>	<b>435.95</b>	<b>23.29</b>	<b>970.61</b>	<b>100.49</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	9176	0	99	690	7920	0	112	739	9176
Haryana	7794	0	-78	1044	6964	0	104	1183	7794
Rajasthan	8501	0	-149	181	8368	75	469	389	8779
Delhi	4322	16	32	457	3602	9	7	195	4547
UP	9490	3510	62	-360	9162	4605	55	845	10848
Uttarakhand	1431	265	-36	61	1418	0	118	220	1523
HP	1212	0	30	-804	1009	0	-48	-443	1237
J&K	1304	0	-270	-260	1043	0	124	-624	1539
Chandigarh	248	0	16	0	180	0	35	0	265
<b>Total</b>	<b>43479</b>	<b>3791</b>	<b>-294</b>	<b>1009</b>	<b>39665</b>	<b>4689</b>	<b>976</b>	<b>2503</b>	<b>43479</b>

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

# figures may not be at simultaneous hour.

Diversity is 1.05

### 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	1258	1528	1208	33.04	1377	30.19	2.85
Rihand I STPS (2*500)	1000	389	431	394	10.23	426	9.30	0.93
Rihand II STPS (2*500)	1000	950	1020	1031	24.55	1023	22.73	1.82
Rihand III STPS (2*500)	1000	936	911	954	23.63	985	22.44	1.19
Dadri I STPS (4*210)	840	813	745	740	19.28	803	19.50	-0.21
Dadri II STPS (2*490)	980	470	433	442	10.90	454	11.24	-0.34
Unchahar I TPS (2*210)	420	199	206	220	5.08	212	4.76	0.32
Unchahar II TPS (2*210)	420	400	405	430	10.32	430	9.53	0.79
Unchahar III TPS (1*220)	210	198	190	217	5.11	213	4.72	0.39
I-STPP (Jhajhar) (3*500)	1500	986	943	948	21.52	897	23.55	-2.03
Dadri GPS (4*130.19+2*154.51)	830	770	332	174	6.40	267	6.51	-0.11
Anta GPS (3*88.71+1*153.2)	419	393	0	0	0.00	0	0.00	0.00
Auraiya GPS (4*111.19+2*109.30)	663	483	140	155	3.67	153	3.57	0.10
Dadri Solar	5	1	0	0	0.02	1	0.03	0.00
Unchahar Solar	10	3	0	0	0.05	2	0.07	-0.02
<b>Sub Total (A)</b>	<b>11297</b>	<b>8249</b>	<b>7284</b>	<b>6913</b>	<b>174</b>	<b>7242</b>	<b>168</b>	<b>6</b>
<b>B. NPC</b>								
NAPS (2*220)	440	274	312	319	6.62	276	6.58	0.04
RAPS- B (2*220)	440	394	438	441	9.46	394	9.46	0.01
RAPS- C (2*220)	440	0	100	0	-0.20	-8	0.00	-0.20
<b>Sub Total (B)</b>	<b>1320</b>	<b>668</b>	<b>850</b>	<b>760</b>	<b>15.88</b>	<b>662</b>	<b>16.03</b>	<b>-0.15</b>
<b>C. NHPC</b>								
Chamera I HPS (3*180)	540	534	539	0	6.31	263	6.30	0.01
Chamera II HPS (3*100)	300	266	304	102	3.82	159	4.05	-0.23
Chamera III HPS (3*77)	231	229	222	157	3.22	134	3.15	0.07
Bairasuli HPS(3*60)	180	120	120	60	1.63	68	1.62	0.01
Salal-HPS (6*115)	690	549	671	556	13.63	568	13.17	0.46
Tanakpur-HPS (3*40)	94	92	94	91	2.26	94	2.22	0.04
Uri-I HPS (4*120)	480	429	447	442	10.53	439	10.29	0.24
Uri-II HPS (4*60)	240	231	241	240	5.65	235	5.54	0.10
Dhauliganga-HPS (4*70)	280	184	211	209	4.37	182	4.14	0.23
Dulhasti-HPS (3*130)	390	387	400	399	9.38	391	9.28	0.10
Sewa-II HPS (3*40)	120	119	125	42	1.01	42	1.00	0.01
Parbati 3 (4*130)	520	110	130	0	1.33	55	1.42	-0.10
<b>Sub Total ©</b>	<b>4065</b>	<b>3249</b>	<b>3503</b>	<b>2298</b>	<b>63</b>	<b>2630</b>	<b>62</b>	<b>1</b>
<b>D. SJVNL</b>								
NJPC (6*250)	1500	1605	1611	758	23.66	986	23.44	0.22
Rampur HEP (4*68.67)	275	222	350	205	5.33	222	5.33	0.00
<b>Sub Total (D)</b>	<b>1775</b>	<b>1827</b>	<b>1961</b>	<b>963</b>	<b>28.99</b>	<b>1208</b>	<b>28.77</b>	<b>0.22</b>
<b>E. THDC</b>								
Tehri HPS (4*250)	1000	1060	1019	0	5.08	212	5.00	0.08
Koteshwar HPS (4*100)	400	91	100	0	1.76	73	1.75	0.01
<b>Sub Total (E)</b>	<b>1400</b>	<b>1151</b>	<b>1119</b>	<b>0</b>	<b>6.84</b>	<b>285</b>	<b>6.75</b>	<b>0.09</b>
<b>F. BBMB</b>								
Bhakra HPS (3*108+2*126+6*157)	1514	954	1333	806	22.64	943	22.90	-0.27
Dehar HPS (6*165)	990	403	825	280	9.61	400	9.67	-0.06
Pong HPS (6*66)	396	178	384	132	4.27	178	4.27	0.01
<b>Sub Total (F)</b>	<b>2900</b>	<b>1535</b>	<b>2542</b>	<b>1218</b>	<b>36.51</b>	<b>1521</b>	<b>36.83</b>	<b>-0.32</b>
<b>G. IPP(s)/JV(s)</b>								
ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	101	65	1.87	78	1.83	0.04
KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	1050	380	12.37	515	12.49	-0.12
Malana Stg-II HPS (2*50)	100	0	0	0	0.00	0	0.00	0.00
Shree Cement TPS (2*150)	300	0	219	149	4.16	173	4.22	-0.06
Budhil HPS(IPP)	70	0	40	35	0.86	36	0.86	0.00
<b>Sub Total (G)</b>	<b>1662</b>	<b>0</b>	<b>1410</b>	<b>629</b>	<b>19.27</b>	<b>803</b>	<b>19.39</b>	<b>-0.13</b>
<b>H. Total Regional Entities (A-G)</b>	<b>24419</b>	<b>16679</b>	<b>18669</b>	<b>12781</b>	<b>344.42</b>	<b>14351</b>	<b>338.07</b>	<b>6.35</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	1220	1170	26.55	1106
	Guru Nanak Dev TPS(Bhatinda) (4*110)	440	442	459	9.73	405
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	946	919	20.55	856
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	1398	1169	29.85	1244
	Talwandi Saboo (1*660)	660	0	0	0.00	0
	<b>Thermal (Total)</b>	<b>4680</b>	<b>4006</b>	<b>3717</b>	<b>86.67</b>	<b>3611</b>
	Total Hydro	1148	887	896	19.66	819
<b>Total Punjab</b>	<b>5828</b>	<b>4893</b>	<b>4613</b>	<b>106.33</b>	<b>4430</b>	
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	1096	1127	25.15	1048
	DCRTPP (Yamuna nagar) (2*300)	600	519	470	11.85	494
	Faridabad GPS (NTPC)	432	180	184	4.24	177
	RGTPP (khedar) (IPP) (2*600)	1200	1144	1139	23.30	971
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	1144	1094	26.71	1113
	<b>Thermal (Total)</b>	<b>4944</b>	<b>4083</b>	<b>4014</b>	<b>91.24</b>	<b>3802</b>
	Total Hydro	62	29	30	0.75	31
	<b>Total Haryana</b>	<b>5006</b>	<b>4112</b>	<b>4044</b>	<b>91.99</b>	<b>3833</b>
	Rajasthan	kota TPS (2*110+2*195+3*210)	1240	924	878	20.58
suratgarh TPS (6*250)		1500	1285	1363	30.86	1286
Chabra TPS (3*250)		750	576	565	13.30	554
Dholpur GPS (3*110)		330	112	115	2.79	116
Ramgarh GPS (1*3 + 1*35.5 +2*37.5 +1*110 +1*50)		271	151	151	3.77	157
RAPS A (NPC) (1*100+1*200)		300	160	0	1.44	60
Barsingar (NLC) (2*125)		250	195	190	4.41	184
Giral LTPS (2*125)		250	0	0	0.00	0
Rajwest LTPS (IPP) (8*135)		1080	832	832	20.01	834
VS LIGNITE LTPS (IPP) (1*135)		135	0	0	0.00	0
Kalisindh Thermal(1*600)		600	0	0	0.00	0
Kawai(Adani) (2*660)		1320	600	625	14.70	612
<b>Thermal (Total)</b>		<b>8026</b>	<b>4835</b>	<b>4719</b>	<b>112</b>	<b>4660</b>
Total Hydro		550	67	64	1.23	51
Wind power		2798	900	823	23.98	999
Biomass		99	31	31	0.75	31
Solar		730	0	0	0.58	24
Renewable/Others (Total)		3627	931	854	25.32	1055
<b>Total Rajasthan</b>		<b>12203</b>	<b>5833</b>	<b>5637</b>	<b>138.39</b>	<b>5766</b>
UP	Anpara TPS (3*210+2*500)	1630	863	901	19.90	829
	Obra TPS (2*50+2*94+5*200)	1194	147	284	4.80	200
	Paricha TPS (2*110+2*220+2*250)	1140	594	619	14.70	613
	Panki TPS (2*105)	210	144	131	3.10	129
	Harduaganj TPS (1*60+1*105+2*250)	665	242	192	5.80	242
	Tanda TPS (NTPC) (4*110)	440	170	173	4.22	176
	Roza TPS (IPP) (4*300)	1200	1103	1098	26.48	1104
	Anpara-C (IPP) (2*600)	1200	902	900	21.50	896
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	320	203	7.26	303
	<b>Thermal (Total)</b>	<b>8129</b>	<b>4485</b>	<b>4501</b>	<b>107.77</b>	<b>4490</b>
	Vishnuparyag HPS (IPP)	400	436	436	10.38	432
	Other Hydro	527	261	239	5.58	232
	Cogeneration	981	15	15	0.36	15
	<b>Total UP</b>	<b>10037</b>	<b>5197</b>	<b>5191</b>	<b>124.08</b>	<b>4738</b>
	Uttarakhand	Total Hydro	1398	750	697	15.72
<b>Total Uttarakhand</b>		<b>1398</b>	<b>750</b>	<b>697</b>	<b>15.72</b>	<b>655</b>
Delhi	Raighat TPS (2*67.5)	135	85	77	1.98	82
	Delhi Gas Turbine (6x30 + 3x34)	282	106	108	2.53	105
	Pragati Gas Turbine (2x104+ 1x122)	330	292	272	6.75	281
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (6*250)	1370	446	252	8.55	356
	Badarpur TPS (NTPC) (3*95+2*210)	705	339	336	8.24	343
	<b>Thermal (Total)</b>	<b>2917</b>	<b>1268</b>	<b>1045</b>	<b>28.04</b>	<b>1168</b>
<b>Total Delhi</b>	<b>2917</b>	<b>1268</b>	<b>1045</b>	<b>28.04</b>	<b>1168</b>	
HP	Baspa HPS (IPP) (2*150)	300	178	237	4.92	205
	Malana HPS (IPP) (2*43)	86	45	44	1.03	43
	Other Hydro	728	489	513	11.89	495
	<b>Total HP</b>	<b>1114</b>	<b>712</b>	<b>794</b>	<b>17.84</b>	<b>743</b>
J & K	Baqilhar HPS (IPP) (3*150)	450	436	436	10.47	436
	Other Hydro/IPP	436	75	75	1.80	75
	Gas/Diesel/Others	209	0	0	0.00	0
	<b>Total J &amp; K</b>	<b>1094</b>	<b>511</b>	<b>511</b>	<b>12.27</b>	<b>511</b>
<b>Total State Control Area Generation</b>		<b>39597</b>	<b>23276</b>	<b>22532</b>	<b>534.66</b>	<b>21845</b>
<b>J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]</b>			<b>2570</b>	<b>5210</b>	<b>98.13</b>	<b>4089</b>
<b>Total Regional Availability(Gross)</b>		<b>64017</b>	<b>44515</b>	<b>40523</b>	<b>977.21</b>	<b>40285</b>

#### IV. Total Hydro Generation:

Regional Entities Hydro	11432	10276	4924	149.71	6238
State Control Area Hydro	5684	3217	3231	83.42	3043
<b>Total Regional Hydro</b>	<b>17116</b>	<b>13493</b>	<b>8155</b>	<b>233.12</b>	<b>9281</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	-300	200	200	300	1.28	4.85	-3.57
Gwalior-Agra (D/C)	1022	1499	1750	0	31.00	0.00	31.00
Zerda-Kankroli	-200	-87	0	307	0.00	4.10	-4.10
Zerda-Bhinmal	-203	-78	0	331	0.00	4.12	-4.12
Malanpur-Auraiya	-98	-118	0	124	0.00	2.28	-2.28
Badod-Kota/Morak	-59	-20	0	94	0.00	1.15	-1.15
Mundra-Mohindergarh(HVDC)	1598	1598	1604	0	38.73	0.00	38.73
Vindhychal - Rihand	441	500	509	0	11.41	0.00	11.41
<b>Sub Total WR</b>	<b>2201</b>	<b>3494</b>			<b>82.42</b>	<b>16.50</b>	<b>65.92</b>
Pusauli Bypass	400	400	400	0	9.69	0.00	9.69
MZP- GKP (D/C)	80	618	712	0	10.03	0.00	10.03
Patna-Balia(D/C)	74	209	274	0	2.58	0.00	2.58
B'Sharif-Balia (D/C)	11	301	353	0	3.94	0.00	3.94
Pusauli-Balia	-114	-20	0	114	0.00	1.68	-1.68
Gaya-Fatehpur (765 Kv)	-15	117	228	17	3.05	0.00	3.05
Pusauli-Sahupuri	35	69	164	0	2.59	0.00	2.59
K'nasa-Sahupuri	0	0	0	0	0.96	0.00	0.96
Son Ngr-Rihand	-38	-40	0	45	0.00	0.90	-0.90
Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
Sasaram - Fatehpur(765 Kv)	-64	62	232	64	1.96	0.00	1.96
<b>Sub Total ER</b>	<b>369</b>	<b>1716</b>			<b>34.79</b>	<b>2.58</b>	<b>32.21</b>
<b>Total IR Exch</b>	<b>2570</b>	<b>5210</b>			<b>117.21</b>	<b>19.08</b>	<b>98.13</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
15.30	3.96	19.26	10.15	7.71	1.64	9.51	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
31.05	58.63	89.67	32.21	65.92	98.13	1.17	7.29	8.46

**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	0.78	12.26	49.15	60.96	16.27	8.99	1.57	0.00

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				
50.34	9.06	49.73	22.07	50.00	0.07	0.09	50.32	19.20

**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	412	00:48	135	21:28	6.8	6.8	0.0	0.0
Gorakhpur	400	434	06:04	417	01:46	0.0	0.0	77.1	3.5
Bareilly	400	417	06:03	213	14:47	0.0	0.0	0.0	0.0
Kanpur	400	418	06:07	406	16:09	0.0	0.0	0.0	0.0
Dadri	400	415	06:06	373	01:33	0.8	0.8	0.0	0.0
Ballabgarh	400	420	06:03	400	14:17	0.0	0.0	0.0	0.0
Bawana	400	417	06:08	401	14:15	4.2	4.2	0.0	0.0
Bassi	400	418	00:31	395	08:51	0.0	0.0	0.0	0.0
Hissar	400	405	06:06	390	18:54	0.0	0.0	0.0	0.0
Moga	400	410	00:22	394	18:51	0.0	0.0	0.0	0.0
Abdullapur	400	414	06:06	396	18:53	0.0	0.0	0.0	0.0
Nalagarh	400	418	03:57	403	18:59	0.0	0.0	0.0	0.0
Kishenpur	400	220	00:50	213	19:13	100.0	100.0	0.0	0.0
Wagoora	400	411	00:49	397	18:38	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	0	00:00	0	00:00	100.0	100.0	0.0	0.0
Balia	765	776	06:04	0	14:17	0.5	1.7	0.0	0.0
Moga	765	785	06:04	749	19:18	0.0	0.0	0.0	0.0
Agra	765	790	18:01	0	14:17	0.2	0.2	0.0	0.0
Bhiwani	765	792	06:06	0	14:17	38.8	38.8	0.0	0.0
Unnao	765	766	10:20	752	14:16	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	511.28	1605.30	511.35	1620.46	511.66	671.45
Pong	426.72	384.05	416.73	743.22	423.20	1035.89	125.13	259.04
Tehri	829.79	740.04	823.00	1065.64	823.70	1086.79	190.79	111.00
Koteshwar	612.50	598.50	611.78	5.46	610.70	4.95	111.00	116.00
Chamera-I	760.00	748.75	756.14	0.00	0.00	0.00	148.45	171.32
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	515.77	9.87	519.31	5.68	191.70	412.09

\* 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	739	0	0	690	0	0	16.95	0.00	16.95
Delhi	66	131	-2	384	103	-30	6.85	1.76	8.62
Haryana	1112	71	0	1023	21	0	26.05	-0.38	25.68
HP	-561	118	0	-546	-258	0	-12.94	-0.89	-13.83
J&K	-538	-86	0	-336	76	0	-9.22	-0.50	-9.72
CHD	0	0	0	0	0	0	0.07	0.05	0.12
Rajasthan	95	291	2	179	2	0	3.84	4.89	8.73
UP	85	760	0	-381	0	21	-6.38	8.45	2.06
Uttarakhand	32	188	0	32	28	0	0.77	2.68	3.45
<b>Total</b>	<b>1030</b>	<b>1473</b>	<b>0</b>	<b>1046</b>	<b>-27</b>	<b>-9</b>	<b>26.00</b>	<b>16.06</b>	<b>42.07</b>

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	739	690	0	0	0	0
Delhi	616	66	447	-332	0	-30
Haryana	1112	1023	71	-278	0	0
HP	-460	-636	123	-309	0	0
J&K	-336	-538	76	-99	0	0
CHD	15	0	49	0	0	0
Rajasthan	259	95	652	-33	2	0
UP	85	-498	1321	0	30	0
Uttarakhand	32	32	246	11	0	0

**XI. System Constraints:****XII. Grid Disturbance / Any Other Significant Event:****XIII. Weather Conditions For 24.09.2014 :**  
Normal**XIV. Synchronisation of new generating units :**  
0.00**XV. Synchronisation of new 220 / 400 / 765 KV lines and energising of bus / /substation :**  
1. 500 MVA ICT#2 at Shahjahanpur charged first time at 20:30 hrs on No load from 400kV side  
2. 400kV bus#2 at shahjahanpur charged first time at 15:34 hrs.**XVI. Tripping of lines in pooling stations :****XVII. Complete generation loss in a generating station :**