

# पावर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पावरसिड की पूर्ण स्वामित्व प्राप्त महायक कंपनी)



## उत्तरी क्षेत्रीय भार प्रेषण केंद्र

Power Supply Position in Northern Region for 25.09.2014  
Date of Reporting : 26.09.2014

### 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
43931	2901	46832	50.11	40790	2495	43285	50.05	986.2	73.01

\* 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	83.34	14.60		97.94	85.77	87.72	1.94	185.65	1.50
Haryana	89.32	0.73		90.05	75.66	75.54	-0.11	165.59	0.02
Rajasthan	117.85	1.20	17.45	136.49	54.82	63.59	8.78	200.09	4.86
Delhi	29.01			29.01	67.52	68.29	0.77	97.30	0.06
UP	115.77	16.08	0.36	132.21	110.20	113.14	2.94	245.35	65.16
Uttarakhand		16.75		16.75	16.87	18.93	2.06	35.68	1.40
HP		17.53		17.53	6.41	8.04	1.62	25.57	0.00
J & K		12.29	0.00	12.29	16.00	13.71	-2.29	26.00	0.00
Chandigarh				0.00	4.17	5.00	0.83	5.00	0.00
<b>Total</b>	<b>435.28</b>	<b>79.19</b>	<b>17.81</b>	<b>532.27</b>	<b>437.42</b>	<b>453.96</b>	<b>16.54</b>	<b>986.23</b>	<b>73.01</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	8030	0	-39	690	7923	0	64	739	8416
Haryana	7794	11	53	1049	6830	0	-49	1167	7794
Rajasthan	8805	0	396	134	8358	0	433	219	8805
Delhi	4392	0	95	476	3642	0	-34	229	4484
UP	10153	2820	467	-266	10883	2495	100	1778	11548
Uttarakhand	1691	70	88	210	1359	0	80	220	1813
HP	1201	0	35	-804	872	0	-57	-433	1272
J&K	1627	0	-6	-171	749	0	-154	-647	1646
Chandigarh	239	0	9	0	175	0	15	0	249
<b>Total</b>	<b>43931</b>	<b>2901</b>	<b>1097</b>	<b>1319</b>	<b>40790</b>	<b>2495</b>	<b>398</b>	<b>3272</b>	<b>43931</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	1280	1487	1184	33.65	1402	30.71	2.94
Rihand I STPS (2*500)	1000	409	462	442	10.65	444	9.75	0.90
Rihand II STPS (2*500)	1000	950	1031	1050	24.48	1020	22.52	1.96
Rihand III STPS (2*500)	1000	960	1007	1012	24.17	1007	22.96	1.21
Dadri I STPS (4*210)	840	813	705	721	19.44	810	19.51	-0.06
Dadri II STPS (2*490)	980	474	409	420	10.65	444	11.31	-0.66
Unchahar I TPS (2*210)	420	199	196	196	5.15	215	4.75	0.40
Unchahar II TPS (2*210)	420	400	399	396	10.35	431	9.48	0.88
Unchahar III TPS (1*220)	210	198	194	195	5.12	213	4.70	0.42
I-STPP (Jhajhar) (3*500)	1500	990	963	949	21.46	894	23.62	-2.16
Dadri GPS (4*130.19+2*154.51)	830	769	376	315	8.42	351	8.45	-0.03
Anta GPS (3*88.71+1*153.2)	419	396	0	0	0.00	0	0.08	-0.08
Auraiva GPS (4*111.19+2*109.30)	663	478	152	156	3.66	152	3.59	0.07
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>8319</b>	<b>7381</b>	<b>7036</b>	<b>177</b>	<b>7387</b>	<b>172</b>	<b>6</b>
<b>B. NPC</b>								
NAPS (2*220)	440	276	315	318	6.65	277	6.62	0.02
RAPS- B (2*220)	440	394	438	443	9.48	395	9.46	0.03
RAPS- C (2*220)	440	170	189	130	3.58	149	4.08	-0.50
<b>Sub Total (B)</b>	<b>1320</b>	<b>840</b>	<b>942</b>	<b>891</b>	<b>19.71</b>	<b>821</b>	<b>20.16</b>	<b>-0.45</b>
<b>C. NHPC</b>								
Chamera I HPS (3*180)	540	534	540	0	6.40	267	6.30	0.10
Chamera II HPS (3*100)	300	279	308	203	4.37	182	4.18	0.20
Chamera III HPS (3*77)	231	229	228	80	3.14	131	3.10	0.04
Bairasuli HPS(3*60)	180	120	120	60	1.60	67	1.50	0.10
Salal-HPS (6*115)	690	531	566	528	13.03	543	12.75	0.28
Tanakpur-HPS (3*40)	94	94	94	94	2.27	94	2.24	0.02
Uri-I HPS (4*120)	480	417	452	418	10.37	432	10.00	0.37
Uri-II HPS (4*60)	240	231	240	236	5.60	233	5.54	0.06
Dhauliganga-HPS (4*70)	280	167	210	140	4.02	168	4.00	0.02
Dulhasti-HPS (3*130)	390	387	400	401	9.40	392	9.28	0.12
Sewa-II HPS (3*40)	120	119	125	0	0.91	38	0.80	0.11
Parbati 3 (4*130)	520	130	126	0	1.84	77	1.82	0.02
<b>Sub Total ©</b>	<b>4065</b>	<b>3237</b>	<b>3409</b>	<b>2160</b>	<b>63</b>	<b>2623</b>	<b>62</b>	<b>1</b>
<b>D.SJVNL</b>								
NJPC (6*250)	1500	1605	1594	531	22.01	917	21.71	0.30
Rampur HEP (4*68.67)	275	190	224	107	4.68	195	4.54	0.14
<b>Sub Total (D)</b>	<b>1775</b>	<b>1795</b>	<b>1818</b>	<b>638</b>	<b>26.68</b>	<b>1112</b>	<b>26.24</b>	<b>0.44</b>
<b>E. THDC</b>								
Tehri HPS (4*250)	1000	1060	1062	0	5.06	211	5.00	0.06
Koteshwar HPS (4*100)	400	91	99	0	1.77	74	1.75	0.02
<b>Sub Total (E)</b>	<b>1400</b>	<b>1151</b>	<b>1161</b>	<b>0</b>	<b>6.83</b>	<b>285</b>	<b>6.75</b>	<b>0.08</b>
<b>F. BBMB</b>								
Bhakra HPS (3*108+2*126+6*157)	1514	950	1324	806	22.89	954	22.79	0.10
Dehar HPS (6*165)	990	406	660	280	10.11	421	9.74	0.37
Pong HPS (6*66)	396	100	384	0	2.31	96	2.41	-0.10
<b>Sub Total (F)</b>	<b>2900</b>	<b>1456</b>	<b>2368</b>	<b>1086</b>	<b>35.31</b>	<b>1471</b>	<b>34.94</b>	<b>0.37</b>
<b>G. IPP(s)/JV(s)</b>								
ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	101	100	1.97	82	1.96	0.00
KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	1020	350	12.14	506	12.06	0.07
Malana Stg-II HPS (2*50)	100	0	0	0	0.00	0	0.00	0.00
Shree Cement TPS (2*150)	300	0	292	282	6.85	285	6.98	-0.13
Budhil HPS(IPP)	70	0	32	35	0.80	33	0.85	-0.05
<b>Sub Total (G)</b>	<b>1662</b>	<b>0</b>	<b>1444</b>	<b>767</b>	<b>21.75</b>	<b>906</b>	<b>21.86</b>	<b>-0.11</b>
<b>H. Total Regional Entities (A-G)</b>	<b>24419</b>	<b>16798</b>	<b>18523</b>	<b>12578</b>	<b>350.52</b>	<b>14605</b>	<b>342.97</b>	<b>7.55</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	1020	1240	25.34	1056
	Guru Nanak Dev TPS(Bhatinda) (4*110)	440	370	459	9.05	377
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	546	949	17.40	725
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	1400	1385	31.56	1315
	Talwandi Saboo (1*660)	660	0	0	0.00	0
	<b>Thermal (Total)</b>	<b>4680</b>	<b>3336</b>	<b>4033</b>	<b>83.34</b>	<b>3472</b>
	Total Hydro	1148	599	510	14.60	608
<b>Total Punjab</b>	<b>5828</b>	<b>3935</b>	<b>4543</b>	<b>97.94</b>	<b>4081</b>	
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	1087	1043	24.60	1025
	DCRTPP (Yamuna nagar) (2*300)	600	513	521	11.92	497
	Faridabad GPS (NTPC)	432	194	195	4.56	190
	RGTPP (khedar) (IPP) (2*600)	1200	1104	976	22.08	920
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	1146	1067	26.16	1090
	<b>Thermal (Total)</b>	<b>4944</b>	<b>4044</b>	<b>3802</b>	<b>89.32</b>	<b>3722</b>
	Total Hydro	62	29	30	0.73	30
	<b>Total Haryana</b>	<b>5006</b>	<b>4073</b>	<b>3832</b>	<b>90.05</b>	<b>3752</b>
	Rajasthan	kota TPS (2*110+2*195+3*210)	1240	945	927	21.64
suratgarh TPS (6*250)		1500	1380	1347	32.35	1348
Chabra TPS (3*250)		750	554	527	12.89	537
Dholpur GPS (3*110)		330	116	116	2.78	116
Ramgarh GPS (1*3 + 1*35.5 +2*37.5 +1*110 +1*50)		271	155	143	3.94	164
RAPS A (NPC) (1*100+1*200)		300	0	160	2.14	89
Barsingar (NLC) (2*125)		250	200	189	4.53	189
Giral LTPS (2*125)		250	0	0	0.00	0
Rajwest LTPS (IPP) (8*135)		1080	950	881	22.83	951
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	591	618	14.75	615
<b>Thermal (Total)</b>		<b>8026</b>	<b>4891</b>	<b>4908</b>	<b>118</b>	<b>4910</b>
Total Hydro		550	124	24	1.20	50
Wind power		2798	566	784	16.30	679
Biomass		99	33	33	0.80	33
Solar		730	0	0	0.35	15
Renewable/Others (Total)		3627	599	817	17.45	727
<b>Total Rajasthan</b>	<b>12203</b>	<b>5614</b>	<b>5749</b>	<b>136.49</b>	<b>5687</b>	
UP	Anpara TPS (3*210+2*500)	1630	871	908	21.50	896
	Obra TPS (2*50+2*94+5*200)	1194	463	311	9.10	379
	Paricha TPS (2*110+2*220+2*250)	1140	561	537	13.60	567
	Panki TPS (2*105)	210	135	131	3.20	133
	Harduaganj TPS (1*60+1*105+2*250)	665	389	374	9.80	408
	Tanda TPS (NTPC) (4*110)	440	228	170	4.72	197
	Roza TPS (IPP) (4*300)	1200	819	1103	24.85	1035
	Anpara-C (IPP) (2*600)	1200	900	905	21.59	900
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	320	320	7.41	309
	<b>Thermal (Total)</b>	<b>8129</b>	<b>4686</b>	<b>4759</b>	<b>115.77</b>	<b>4824</b>
	Vishnuparyag HPS (IPP)	400	436	436	10.14	423
	Other Hydro	527	297	219	5.94	248
	Cogeneration	981	15	15	0.36	15
	<b>Total UP</b>	<b>10037</b>	<b>5434</b>	<b>5429</b>	<b>132.21</b>	<b>5086</b>
Uttarakhand	Total Hydro	1398	874	650	16.75	698
	<b>Total Uttarakhand</b>	<b>1398</b>	<b>874</b>	<b>650</b>	<b>16.75</b>	<b>698</b>
Delhi	Raighat TPS (2*67.5)	135	83	85	2.22	93
	Delhi Gas Turbine (6x30 + 3x34)	282	108	109	2.65	110
	Pragati Gas Turbine (2x104+ 1x122)	330	293	285	7.01	292
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (6*250)	1370	277	440	9.29	387
	Badarpur TPS (NTPC) (3*95+2*210)	705	305	319	7.84	326
	<b>Thermal (Total)</b>	<b>2917</b>	<b>1066</b>	<b>1238</b>	<b>29.01</b>	<b>1209</b>
<b>Total Delhi</b>	<b>2917</b>	<b>1066</b>	<b>1238</b>	<b>29.01</b>	<b>1209</b>	
HP	Baspa HPS (IPP) (2*150)	300	177	217	4.79	200
	Malana HPS (IPP) (2*43)	86	40	43	1.06	44
	Other Hydro	728	507	512	11.68	487
	<b>Total HP</b>	<b>1114</b>	<b>724</b>	<b>772</b>	<b>17.53</b>	<b>731</b>
J & K	Baqilhar HPS (IPP) (3*150)	450	438	436	10.49	437
	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>513</b>	<b>511</b>	<b>12.29</b>	<b>512</b>
<b>Total State Control Area Generation</b>		<b>39597</b>	<b>22233</b>	<b>22724</b>	<b>532.27</b>	<b>21755</b>
<b>J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]</b>			<b>3270.64</b>	<b>5967.58</b>	<b>109.24</b>	<b>4552</b>
<b>Total Regional Availability(Gross)</b>		<b>64017</b>	<b>44027</b>	<b>41269</b>	<b>992.04</b>	<b>40912</b>

#### IV. Total Hydro Generation:

Regional Entities Hydro	11432	9877	4334	145.88	6078
State Control Area Hydro	5684	3160	2716	79.19	2877
<b>Total Regional Hydro</b>	<b>17116</b>	<b>13037</b>	<b>7050</b>	<b>225.07</b>	<b>8955</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)	1286		2126		2126	0	34.25	0.00	34.25
Zerda-Kankroli	-255		-123		0	332	0.00	5.58	-5.58
Zerda-Bhinmal	-245		-104		0	377	0.00	5.10	-5.10
Malanpur-Auraiya	-91		-61		0	95	0.00	1.86	-1.86
Badod-Kota/Morak	-34		-60		0	107	0.00	1.72	-1.72
Mundra-Mohindergarh(HVDC)	1998		1802		2007	0	47.54	0.00	47.54
Vindhychal - Rihand	459		446		491	0	10.92	0.00	10.92
<b>Sub Total WR</b>	<b>2818</b>		<b>4226</b>				<b>93.99</b>	<b>19.10</b>	<b>74.89</b>
Pusauli Bypass	400		400		400	0	9.65	0.00	9.65
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)	11		224		357	28	4.48	0.00	4.48
Pusauli-Sahupuri	136		125		208	0	3.52	0.00	3.52
K'nasa-Sahupuri	0		0		0	0	1.92	0.48	1.44
Son Ngr-Rihand	-40		-38		0	44	0.00	0.90	-0.90
Garhwa-Rihand	0		0		0	0	0.00	0.00	0.00
Sasaram - Fatehpur(765 KV)	-105		-77		204	127	1.30	0.00	1.30
<b>Sub Total ER</b>	<b>453</b>		<b>1742</b>				<b>37.41</b>	<b>3.06</b>	<b>34.35</b>
<b>Total IR Exch</b>	<b>3271</b>		<b>5968</b>				<b>131.40</b>	<b>22.16</b>	<b>109.24</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
18.25	3.95	22.20	10.73	6.43	3.78	18.46	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
36.70	73.25	109.95	34.35	74.89	109.24	-2.35	1.64	-0.70

**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	0.28	2.43	19.44	62.50	64.31	11.53	4.17	0.56	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				
50.26	6.04	49.69	18.10	49.97	0.08	0.08	50.21	0.85

**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	414	21:24	403	04:11	64.8	64.8	0.0	0.0
Gorakhpur	400	429	17:07	399	04:26	0.0	0.0	29.8	0.0
Bareilly	400	416	17:08	393	04:27	0.0	0.0	0.0	0.0
Kanpur	400	415	06:06	399	00:39	0.0	0.0	0.0	0.0
Dadri	400	411	06:03	385	01:27	0.2	0.2	0.0	0.0
Ballabgarh	400	416	06:03	400	11:38	0.0	0.0	0.0	0.0
Bawana	400	413	06:03	399	11:38	12.2	12.2	0.0	0.0
Bassi	400	418	04:02	390	11:36	0.0	0.0	0.0	0.0
Hissar	400	403	06:04	388	11:41	0.0	0.8	0.0	0.0
Moga	400	406	06:03	394	11:37	0.0	0.0	0.0	0.0
Abdullapur	400	412	06:03	396	11:38	0.0	0.0	0.0	0.0
Nalagarh	400	418	03:35	403	11:36	0.0	0.0	0.0	0.0
Kishenpur	400	220	04:02	210	19:10	100.0	100.0	0.0	0.0
Wagoora	400	409	06:05	386	19:35	0.0	6.4	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	764	17:07	0	11:00	3.2	31.7	0.0	0.0
Moga	765	773	06:04	747	11:38	0.0	0.0	0.0	0.0
Agra	765	786	17:06	0	11:00	0.3	0.3	0.0	0.0
Bhiwani	765	0	00:00	0	00:00	100.0	100.0	0.0	0.0
Unnao	765	764	17:06	731	04:26	0.0	14.5	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	511.17	1605.30	511.27	1605.30	481.22	679.60
Pong	426.72	384.05	416.73	743.22	423.09	1035.89	124.23	139.12
Tehri	829.79	740.04	823.20	1065.64	823.85	1086.79	188.42	110.00
Koteshwar	612.50	598.50	611.57	5.46	610.45	4.69	110.00	117.00
Chamera-I	760.00	748.75	755.93	0.00	0.00	0.00	155.06	173.53
Rihand	268.22	252.98	857.30	378.10	855.50	347.00	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	515.56	7.31	519.30	5.68	192.00	412.00

\* 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	739	0	0	690	0	0	16.95	0.00	16.95
Delhi	66	194	-30	369	137	-30	6.31	3.00	9.31
Haryana	1112	55	0	1028	21	0	26.18	0.67	26.85
HP	-535	102	0	-546	-258	0	-12.60	-1.30	-13.91
J&K	-538	-109	0	-336	165	0	-9.22	0.40	-8.82
CHD	0	0	0	0	0	0	0.07	0.02	0.10
Rajasthan	167	52	0	179	-45	0	3.92	-0.62	3.30
UP	75	1673	30	-389	94	30	-6.47	22.49	16.02
Uttarakhand	32	188	0	32	177	0	0.77	4.39	5.17
<b>Total</b>	<b>1118</b>	<b>2155</b>	<b>-1</b>	<b>1028</b>	<b>291</b>	<b>-1</b>	<b>25.93</b>	<b>29.05</b>	<b>54.98</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	507	66	486	-182	0	-30
Haryana	1112	1028	55	18	0	0
HP	-424	-636	107	-309	0	0
J&K	-336	-538	165	-109	0	0
CHD	15	0	15	0	0	0
Rajasthan	257	118	73	-71	0	0
UP	75	-497	1920	6	30	0
Uttarakhand	32	32	301	17	0	0

**XI. System Constraints:****XII. Grid Disturbance / Any Other Significant Event:****XIII. Weather Conditions For 25.09.2014 :**

Normal

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

0.00

**XV. Synchronisation of new 220 / 400 / 765 KV lines and energising of bus / /substation :****XVI. Tripping of lines in pooling stations :****XVII. Complete generation loss in a generating station :**