

# पावर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पावरसिड की पूर्ण स्वामित्व प्राप्त महायक कंपनी)



## उत्तरी क्षेत्रीय भार प्रेषण केंद्र

Power Supply Position in Northern Region for 19.09.2014  
Date of Reporting : 20.09.2014

### 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
42811	5368	48179	50.09	40589	3912	44501	50.03	977.0	119.51

\* 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	84.57	15.57		100.14	93.01	94.23	1.22	194.37	12.60
Haryana	78.95	0.69		79.64	80.39	83.02	2.62	162.66	5.63
Rajasthan	105.56	1.77	21.24	128.57	53.39	56.05	2.66	184.62	2.04
Delhi	26.59			26.59	75.00	75.14	0.14	101.73	0.15
UP	117.30	17.00	0.40	134.70	94.14	102.91	8.77	237.61	94.56
Uttarakhand		18.88		18.88	15.66	17.34	1.68	36.22	2.93
HP		21.00		21.00	5.18	5.71	0.53	26.71	1.60
J & K		10.50	0.00	10.50	15.32	16.90	1.58	27.40	0.00
Chandigarh				0.00	4.11	5.66	1.55	5.66	0.00
<b>Total</b>	<b>412.97</b>	<b>85.42</b>	<b>21.64</b>	<b>520.03</b>	<b>436.20</b>	<b>456.94</b>	<b>20.75</b>	<b>976.97</b>	<b>119.51</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	8897	550	50	1133	8264	0	14	1182	8897
Haryana	7316	687	103	1490	6775	127	285	1481	7351
Rajasthan	8115	0	18	222	7723	0	-149	431	8115
Delhi	4585	21	74	612	3841	0	-71	229	4774
UP	9419	3835	-81	283	10464	3730	577	997	10920
Uttarakhand	1647	275	49	99	1398	55	85	213	1672
HP	1223	0	-85	-926	1019	0	-1	-701	1281
J&K	1342	0	-18	-319	919	0	77	-622	1370
Chandigarh	267	0	39	0	186	0	40	0	283
<b>Total</b>	<b>42811</b>	<b>5368</b>	<b>149</b>	<b>2594</b>	<b>40589</b>	<b>3912</b>	<b>857</b>	<b>3211</b>	<b>43545</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 Net MU	
									UI [OG:(+ve), UG: (-ve)]
A. NTPC	Singrauli STPS (5*200+2*500)	2000	1177	1400	1208	31.14	1297	28.26	2.88
	Rihand I STPS (2*500)	1000	419	460	468	11.04	460	10.03	1.00
	Rihand II STPS (2*500)	1000	950	1038	1038	24.68	1029	22.76	1.93
	Rihand III STPS (2*500)	1000	303	473	506	8.13	339	7.26	0.87
	Dadri I STPS (4*210)	840	813	819	800	19.92	830	19.43	0.49
	Dadri II STPS (2*490)	980	480	472	484	11.35	473	11.48	-0.13
	Unchahar I TPS (2*210)	420	199	220	218	5.26	219	4.77	0.49
	Unchahar II TPS (2*210)	420	400	439	436	10.49	437	9.59	0.91
	Unchahar III TPS (1*220)	210	198	210	216	5.19	216	4.74	0.46
	I-STPP (Jhajjar) (3*500)	1500	984	979	975	21.91	913	23.60	-1.69
	Dadri GPS (4*130.19+2*154.51)	830	766	181	173	4.25	177	4.32	-0.08
	Anta GPS (3*88.71+1*153.2)	419	393	256	212	5.56	232	5.48	0.07
	Auraiva GPS (4*111.19+2*109.30)	663	478	151	152	3.45	144	3.52	-0.08
	Dadri Solar	5	1	0	0	0.02	1	0.03	-0.01
	Unchahar Solar	10	3	0	0	0.02	1	0.07	-0.05
	<b>Sub Total (A)</b>	<b>11297</b>	<b>7565</b>	<b>7098</b>	<b>6886</b>	<b>162</b>	<b>6767</b>	<b>155</b>	<b>7</b>
B. NPC	NAPS (2*220)	440	275	312	316	6.53	272	6.60	-0.07
	RAPS-B (2*220)	440	394	435	442	9.45	394	9.46	-0.01
	RAPS-C (2*220)	440	175	187	188	3.88	162	4.20	-0.32
	<b>Sub Total (B)</b>	<b>1320</b>	<b>844</b>	<b>934</b>	<b>946</b>	<b>19.86</b>	<b>828</b>	<b>20.26</b>	<b>-0.40</b>
C. NHPC	Chamera I HPS (3*180)	540	534	540	0	4.50	187	4.40	0.10
	Chamera II HPS (3*100)	300	300	302	205	5.33	222	5.25	0.08
	Chamera III HPS (3*77)	231	229	229	154	3.80	158	3.70	0.10
	Bairasuli HPS(3*60)	180	0	0	0	0.00	0	0.00	0.00
	Salal-HPS (6*115)	690	577	672	582	14.18	591	13.80	0.38
	Tanakpur-HPS (3*40)	94	88	90	88	2.14	89	2.11	0.03
	Uri-I HPS (4*120)	480	405	457	415	10.37	432	9.82	0.55
	Uri-II HPS (4*60)	240	181	204	179	4.60	192	4.39	0.21
	Dhauliganga-HPS (4*70)	280	185	209	210	4.48	187	4.45	0.03
	Dulhasti-HPS (3*130)	390	387	397	398	9.40	392	9.28	0.12
	Sewa-II HPS (3*40)	120	119	126	0	1.35	56	1.20	0.15
	Parbati 3 (4*130)	520	130	133	0	1.99	83	1.95	0.04
	<b>Sub Total ©</b>	<b>4065</b>	<b>3134</b>	<b>3359</b>	<b>2231</b>	<b>62</b>	<b>2589</b>	<b>60</b>	<b>2</b>
	D. SJVNL	NJPC (6*250)	1500	1605	1605	800	26.21	1092	25.62
Rampur HEP (4*68.67)		275	243	371	224	6.11	254	5.84	0.27
<b>Sub Total (D)</b>		<b>1775</b>	<b>1848</b>	<b>1976</b>	<b>1024</b>	<b>32.32</b>	<b>1347</b>	<b>31.46</b>	<b>0.86</b>
E. THDC	Tehri HPS (4*250)	1000	1060	1000	0	5.28	220	5.20	0.08
	Koteshwar HPS (4*100)	400	91	102	0	1.75	73	1.75	0.00
	<b>Sub Total (E)</b>	<b>1400</b>	<b>1151</b>	<b>1102</b>	<b>0</b>	<b>7.04</b>	<b>293</b>	<b>6.95</b>	<b>0.09</b>
F. BBMB	Bhakra HPS (3*108+2*126+6*157)	1514	845	1336	649	20.33	847	20.28	0.05
	Dehar HPS (6*165)	990	494	825	495	12.63	526	11.86	0.77
	Pong HPS (6*66)	396	31	192	0	0.79	33	0.75	0.03
	<b>Sub Total (F)</b>	<b>2900</b>	<b>1370</b>	<b>2353</b>	<b>1144</b>	<b>33.74</b>	<b>1406</b>	<b>32.88</b>	<b>0.86</b>
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	132	78	2.32	97	2.23	0.09
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	1071	500	14.17	590	13.65	0.52
	Malana Stg-II HPS (2*50)	100	0	0	0	0.00	0	0.00	0.00
	Shree Cement TPS (2*150)	300	0	148	147	3.51	146	3.53	-0.02
	Budhil HPS(IPP)	70	0	39	38	0.90	38	0.85	0.05
<b>Sub Total (G)</b>	<b>1662</b>	<b>0</b>	<b>1390</b>	<b>764</b>	<b>20.90</b>	<b>871</b>	<b>20.26</b>	<b>0.65</b>	
<b>H. Total Regional Entities (A-G)</b>	<b>24419</b>	<b>15913</b>	<b>18213</b>	<b>12995</b>	<b>338.41</b>	<b>14100</b>	<b>327.47</b>	<b>10.93</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	1030	1210	24.47	1020
	Guru Nanak Dev TPS(Bhatinda) (4*110)	440	344	416	7.96	332
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	939	946	20.85	869
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	1387	1370	31.30	1304
	Talwandi Saboo (1*660)	660	0	0	0.00	0
	<b>Thermal (Total)</b>	<b>4680</b>	<b>3700</b>	<b>3942</b>	<b>84.57</b>	<b>3524</b>
	Total Hydro	1148	730	700	15.57	649
<b>Total Punjab</b>	<b>5828</b>	<b>4430</b>	<b>4642</b>	<b>100.14</b>	<b>4173</b>	
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	822	804	18.45	769
	DCRTPP (Yamuna nagar) (2*300)	600	536	541	12.68	528
	Faridabad GPS (NTPC)	432	172	196	4.06	169
	RGTPP (khedar) (IPP) (2*600)	1200	600	935	18.93	789
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	1208	971	24.84	1035
	<b>Thermal (Total)</b>	<b>4944</b>	<b>3338</b>	<b>3447</b>	<b>78.95</b>	<b>3290</b>
	Total Hydro	62	29	30	0.69	29
	<b>Total Haryana</b>	<b>5006</b>	<b>3367</b>	<b>3477</b>	<b>79.64</b>	<b>3319</b>
	Rajasthan	kota TPS (2*110+2*195+3*210)	1240	966	961	22.09
suratgarh TPS (6*250)		1500	1342	1049	29.50	1229
Chabra TPS (3*250)		750	446	445	10.54	439
Dholpur GPS (3*110)		330	114	104	2.71	113
Ramgarh GPS (1*3 + 1*35.5 +2*37.5 +1*110 +1*50)		271	118	91	3.51	146
RAPS A (NPC) (1*100+1*200)		300	0	0	0.00	0
Barsingsar (NLC) (2*125)		250	97	95	2.17	90
Giral LTPS (2*125)		250	0	0	0.00	0
Rajwest LTPS (IPP) (8*135)		1080	866	832	20.80	867
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	592	597	14.25	594
<b>Thermal (Total)</b>		<b>8026</b>	<b>4541</b>	<b>4174</b>	<b>106</b>	<b>4398</b>
Total Hydro		550	109	46	1.77	74
Wind power		2798	651	1194	20.09	837
Biomass		99	33	33	0.79	33
Solar		730	0	0	0.36	15
Renewable/Others (Total)		3627	684	1227	21.24	885
<b>Total Rajasthan</b>		<b>12203</b>	<b>5334</b>	<b>5447</b>	<b>128.57</b>	<b>5357</b>
UP	Anpara TPS (3*210+2*500)	1630	894	932	21.60	900
	Obra TPS (2*50+2*94+5*200)	1194	335	341	8.20	342
	Paricha TPS (2*110+2*220+2*250)	1140	634	615	14.10	588
	Panki TPS (2*105)	210	108	99	2.70	113
	Harduaganj TPS (1*60+1*105+2*250)	665	375	437	10.50	438
	Tanda TPS (NTPC) (4*110)	440	238	233	5.90	246
	Roza TPS (IPP) (4*300)	1200	1099	1098	26.40	1100
	Anpara-C (IPP) (2*600)	1200	895	912	21.70	904
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	276	236	6.20	258
	<b>Thermal (Total)</b>	<b>8129</b>	<b>4854</b>	<b>4903</b>	<b>117.30</b>	<b>4888</b>
	Vishnuparyag HPS (IPP)	400	436	436	10.50	438
	Other Hydro	527	252	302	6.50	271
	Cogeneration	981	15	15	0.40	17
	<b>Total UP</b>	<b>10037</b>	<b>5557</b>	<b>5656</b>	<b>134.70</b>	<b>5175</b>
Uttarakhand	Total Hydro	1398	874	723	18.88	787
	<b>Total Uttarakhand</b>	<b>1398</b>	<b>874</b>	<b>723</b>	<b>18.88</b>	<b>787</b>
Delhi	Raighat TPS (2*67.5)	135	70	81	1.92	80
	Delhi Gas Turbine (6x30 + 3x34)	282	142	149	3.41	142
	Pragati Gas Turbine (2x104+ 1x122)	330	288	266	6.64	277
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (6*250)	1370	281	288	6.93	289
	Badarpur TPS (NTPC) (3*95+2*210)	705	318	304	7.70	321
	<b>Thermal (Total)</b>	<b>2917</b>	<b>1099</b>	<b>1088</b>	<b>26.59</b>	<b>1108</b>
<b>Total Delhi</b>	<b>2917</b>	<b>1099</b>	<b>1088</b>	<b>26.59</b>	<b>1108</b>	
HP	Baspa HPS (IPP) (2*150)	300	282	272	5.59	233
	Malana HPS (IPP) (2*43)	86	89	51	1.38	58
	Other Hydro	728	558	589	14.03	585
	<b>Total HP</b>	<b>1114</b>	<b>929</b>	<b>912</b>	<b>21.00</b>	<b>875</b>
J & K	Baqilhar HPS (IPP) (3*150)	450	438	438	10.50	438
	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>438</b>	<b>438</b>	<b>10.50</b>	<b>438</b>
<b>Total State Control Area Generation</b>		<b>39597</b>	<b>22028</b>	<b>22383</b>	<b>520.03</b>	<b>21230</b>
<b>J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]</b>			<b>3759.59</b>	<b>6059.59</b>	<b>135.44</b>	<b>5643</b>
<b>Total Regional Availability(Gross)</b>		<b>64017</b>	<b>44000</b>	<b>41437</b>	<b>993.88</b>	<b>40974</b>

#### IV. Total Hydro Generation:

Regional Entities Hydro	11432	9993	4977	151.73	6322
State Control Area Hydro	5684	3361	3151	85.42	3122
<b>Total Regional Hydro</b>	<b>17116</b>	<b>13354</b>	<b>8128</b>	<b>237.14</b>	<b>9444</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	-50	250	500	250	4.88	0.98	3.90
Gwalior-Agra (D/C)	1241	1776	2121	0	40.12	0.00	40.12
Zerda-Kankroli	-156	-96	0	306	0.00	3.25	-3.25
Zerda-Bhinmal	-160	-110	0	266	0.00	2.10	-2.10
Malanpur-Auraiya	28	4	0	31	0.00	1.38	-1.38
Badod-Kota/Morak	0	0	0	0	0.00	0.00	0.00
Mundra-Mohindergarh(HVDC)	1702	2003	2017	0	45.54	0.00	45.54
Vindhychal - Rihand	500	496	512	0	11.73	0.00	11.73
<b>Sub Total WR</b>	<b>3105</b>	<b>4323</b>			<b>102.26</b>	<b>7.71</b>	<b>94.56</b>
Pusauli Bypass	400	400	400	0	9.68	0.00	9.68
MZP- GKP (D/C)	136	540	740	0	11.19	0.00	11.19
Patna-Balia(D/C)	58	265	344	0	5.44	0.00	5.44
B'Sharif-Balia (D/C)	16	235	536	0	4.99	0.00	4.99
Pusauli-Balia	-116	-43	0	116	0.00	1.50	-1.50
Gaya-Fatehpur (765 Kv)	139	238	351	0	6.02	0.00	6.02
Pusauli-Sahupuri	19	70	193	0	2.88	0.00	2.88
K'nasa-Sahupuri	0	0	0	0	0.48	0.00	0.48
Son Ngr-Rihand	-46	-40	0	46	0.00	0.96	-0.96
Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
Sasaram - Fatehpur(765 KV)	48	71	248	0	2.66	0.00	2.66
<b>Sub Total ER</b>	<b>655</b>	<b>1737</b>			<b>43.34</b>	<b>2.45</b>	<b>40.88</b>
<b>Total IR Exch</b>	<b>3760</b>	<b>6060</b>			<b>145.60</b>	<b>10.16</b>	<b>135.44</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
25.84	3.83	29.67	15.41	24.71	-0.06	22.79	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
45.02	79.33	124.35	40.88	94.56	135.44	-4.14	15.23	11.09

**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	1.90	7.98	37.29	74.93	52.92	7.80	1.84	0.12	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				
50.21	18.03	49.63	5.12	49.93	3.03	0.09	50.15	49.78

**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	409	00:00	0.0	0.0	0.0	0.0
Gorakhpur	400	412	18:04	391	01:51	0.0	0.0	0.0	0.0
Bareilly	400	415	18:01	396	01:09	0.0	0.0	0.0	0.0
Kanpur	400	419	18:01	404	18:51	0.0	0.0	0.0	0.0
Dadri	400	412	06:02	398	11:49	0.0	0.0	0.0	0.0
Ballabgarh	400	416	04:01	407	16:51	0.0	0.0	0.0	0.0
Bawana	400	413	06:02	400	11:46	0.0	0.0	0.0	0.0
Bassi	400	425	04:03	404	10:34	0.0	0.0	15.3	0.0
Hissar	400	406	06:02	392	11:49	0.0	0.0	0.0	0.0
Moga	400	410	04:04	396	19:04	0.0	0.0	0.0	0.0
Abdullapur	400	417	06:02	396	19:19	0.0	0.0	0.0	0.0
Nalagarh	400	420	04:06	404	19:04	0.0	0.0	0.0	0.0
Kishenpur	400	414	03:18	401	19:05	0.0	0.0	0.0	0.0
Wagoora	400	414	04:01	398	19:05	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	778	06:02	750	11:56	0.0	0.0	0.0	0.0
Balia	765	769	18:04	735	01:49	0.0	7.6	0.0	0.0
Moga	765	788	06:02	762	11:49	0.0	0.0	0.0	0.0
Agra	765	797	18:01	765	10:13	0.0	0.0	0.0	0.0
Bhiwani	765	791	06:02	765	12:22	0.0	0.0	0.0	0.0
Unnao	765	755	18:04	730	01:51	0.0	57.0	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 (m³/s)	Usage (m³/s)
Bhakra	513.59	445.62	511.56	1620.46	511.55	1620.46	541.33	579.90
Pong	426.72	384.05	416.91	755.83	423.68	1066.19	136.35	47.06
Tehri	829.79	740.04	821.75	1041.00	822.45	1054.00	203.22	116.00
Koteshwar	612.50	598.50	612.40	5.81	611.00	5.20	116.00	116.00
Chamera-I	760.00	748.75	756.60	7.68	0.00	0.00	166.40	122.42
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	516.84	10.06	520.33	8.11	150.05	417.11

\* 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	1182	0	0	1133	0	0	29.55	0.00	29.55
Delhi	164	113	-48	369	293	-51	9.45	6.50	15.96
Haryana	1382	99	0	1467	23	0	33.48	-0.01	33.47
HP	-627	-73	0	-677	-249	0	-14.47	-2.03	-16.50
J&K	-538	-83	0	-336	17	0	-9.22	-1.15	-10.37
CHD	0	0	0	0	0	0	0.07	0.00	0.07
Rajasthan	181	248	2	264	-42	0	5.03	1.96	6.99
UP	91	856	49	-394	629	48	-6.54	17.54	11.01
Uttarakhand	85	129	0	85	14	0	2.03	3.22	5.25
<b>Total</b>	<b>1919</b>	<b>1289</b>	<b>4</b>	<b>1911</b>	<b>686</b>	<b>-3</b>	<b>49.39</b>	<b>26.03</b>	<b>75.42</b>

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	1330	1133	0	0	0	0
Delhi	762	164	683	-55	0	-51
Haryana	1467	1298	100	-411	0	0
HP	-523	-713	140	-300	0	0
J&K	-336	-538	66	-83	0	0
CHD	15	0	0	0	0	0
Rajasthan	264	171	290	-44	2	0
UP	91	-507	1526	0	49	0
Uttarakhand	85	85	240	14	0	0

**XI. System Constraints:****XII. Grid Disturbance / Any Other Significant Event:****XIII. Weather Conditions For 19.09.2014 :****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 :**