

# पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पावरसिड की पूर्ण स्वामित्व प्राप्त महायक कंपनी)



## उत्तरी क्षेत्रीय भार प्रेषण केंद्र

Power Supply Position in Northern Region for 20.09.2014  
Date of Reporting : 21.09.2014

### 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
42553	4451	47004	50.07	41602	3885	45486	50.13	966.0	65.15

\* 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	79.26	11.08		90.34	91.89	93.51	1.62	183.85	0.00
Haryana	84.22	0.69		84.92	79.02	81.14	2.13	166.06	0.00
Rajasthan	105.21	1.72	22.34	129.28	52.47	55.63	3.16	184.91	2.00
Delhi	24.03			24.03	71.90	72.01	0.11	96.03	0.14
UP	115.10	15.60	0.36	131.06	115.37	122.08	6.71	253.14	62.94
Uttarakhand		18.59		18.59	15.82	16.39	0.57	34.98	0.07
HP		19.54		19.54	5.34	5.98	0.64	25.53	0.00
J & K		0.00	0.00	0.00	15.60	16.26	0.65	16.26	0.00
Chandigarh				0.00	4.08	5.23	1.16	5.23	0.00
<b>Total</b>	<b>407.82</b>	<b>67.22</b>	<b>22.70</b>	<b>497.75</b>	<b>451.48</b>	<b>468.23</b>	<b>16.75</b>	<b>965.98</b>	<b>65.15</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	8717	0	-66	1133	8131	225	134	1182	8778
Haryana	7213	631	-157	1326	7349	60	207	1420	7416
Rajasthan	8115	0	76	229	7719	0	-120	430	8218
Delhi	4397	0	164	549	3943	0	35	197	4682
UP	9829	3750	320	-226	10991	3600	301	1968	11332
Uttarakhand	1478	70	-106	101	1447	0	69	263	1607
HP	1104	0	12	-886	1031	0	53	-639	1214
J&K	1460	0	48	-260	797	0	-40	-612	1559
Chandigarh	241	0	17	0	193	0	49	0	253
<b>Total</b>	<b>42553</b>	<b>4451</b>	<b>308</b>	<b>1966</b>	<b>41602</b>	<b>3885</b>	<b>688</b>	<b>4208</b>	<b>43019</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	1236	1526	1197	29.57	1232	29.65	-0.07
Rihand I STPS (2*500)	1000	420	466	451	10.82	451	10.04	0.78
Rihand II STPS (2*500)	1000	940	1041	1022	24.64	1027	22.44	2.20
Rihand III STPS (2*500)	1000	461	502	495	12.02	501	10.99	1.03
Dadri I STPS (4*210)	840	813	819	765	19.39	808	19.20	0.19
Dadri II STPS (2*490)	980	480	503	438	12.38	516	11.42	0.96
Unchahar I TPS (2*210)	420	199	221	208	5.04	210	4.75	0.29
Unchahar II TPS (2*210)	420	355	436	418	10.24	427	8.43	1.80
Unchahar III TPS (1*220)	210	198	214	213	5.01	209	4.70	0.31
I-STPP (Jhajhar) (3*500)	1500	988	948	947	19.67	820	23.65	-3.98
Dadri GPS (4*130.19+2*154.51)	830	766	382	342	8.19	341	6.64	1.55
Anta GPS (3*88.71+1*153.2)	419	393	0	0	0.00	0	0.07	-0.07
Auraiva GPS (4*111.19+2*109.30)	663	478	151	154	3.64	151	3.55	0.09
Dadri Solar	5	1	0	0	0.02	1	0.03	-0.01
Unchahar Solar	10	3	0	0	0.04	2	0.07	-0.03
<b>Sub Total (A)</b>	<b>11297</b>	<b>7732</b>	<b>7209</b>	<b>6650</b>	<b>161</b>	<b>6694</b>	<b>156</b>	<b>5</b>
<b>B. NPC</b>								
NAPS (2*220)	440	275	308	320	6.64	277	6.60	0.04
RAPS-B (2*220)	440	393	439	444	9.48	395	9.43	0.04
RAPS-C (2*220)	440	175	187	189	3.89	162	4.20	-0.31
<b>Sub Total (B)</b>	<b>1320</b>	<b>843</b>	<b>934</b>	<b>953</b>	<b>20.00</b>	<b>834</b>	<b>20.23</b>	<b>-0.23</b>
<b>C. NHPC</b>								
Chamera I HPS (3*180)	540	534	555	0	6.37	265	5.00	1.37
Chamera II HPS (3*100)	300	300	303	180	5.08	212	4.80	0.28
Chamera III HPS (3*77)	231	229	231	84	3.55	148	3.50	0.05
Bairasuli HPS(3*60)	180	0	0	0	0.00	0	0.00	0.00
Salal-HPS (6*115)	690	576	670	564	14.27	595	13.82	0.45
Tanakpur-HPS (3*40)	94	84	82	74	1.97	82	2.02	-0.05
Uri-I HPS (4*120)	480	406	459	449	10.73	447	9.70	1.03
Uri-II HPS (4*60)	240	188	221	175	4.55	190	4.47	0.08
Dhauliganga-HPS (4*70)	280	205	209	209	4.56	190	4.92	-0.35
Dulhasti-HPS (3*130)	390	387	400	400	9.39	391	9.28	0.11
Sewa-II HPS (3*40)	120	119	86	0	1.06	44	1.40	-0.34
Parbati 3 (4*130)	520	130	132	0	1.81	75	1.84	-0.03
<b>Sub Total ©</b>	<b>4065</b>	<b>3157</b>	<b>3349</b>	<b>2135</b>	<b>63</b>	<b>2639</b>	<b>61</b>	<b>3</b>
<b>D. SJVNL</b>								
NJPC (6*250)	1500	1605	1610	910	25.67	1069	26.51	-0.85
Rampur HEP (4*68.67)	275	228	371	224	5.93	247	5.48	0.45
<b>Sub Total (D)</b>	<b>1775</b>	<b>1833</b>	<b>1981</b>	<b>1134</b>	<b>31.59</b>	<b>1316</b>	<b>31.99</b>	<b>-0.39</b>
<b>E. THDC</b>								
Tehri HPS (4*250)	1000	1041	1006	0	5.05	210	5.00	0.05
Koteshwar HPS (4*100)	400	91	101	0	1.78	74	1.75	0.03
<b>Sub Total (E)</b>	<b>1400</b>	<b>1132</b>	<b>1107</b>	<b>0</b>	<b>6.83</b>	<b>284</b>	<b>6.75</b>	<b>0.08</b>
<b>F. BBMB</b>								
Bhakra HPS (3*108+2*126+6*157)	1514	900	1327	649	21.56	898	21.61	-0.05
Dehar HPS (6*165)	990	497	825	420	11.88	495	11.92	-0.04
Pong HPS (6*66)	396	49	384	0	2.47	103	1.18	1.29
<b>Sub Total (F)</b>	<b>2900</b>	<b>1446</b>	<b>2536</b>	<b>1069</b>	<b>35.91</b>	<b>1496</b>	<b>34.71</b>	<b>1.20</b>
<b>G. IPP(s)/JV(s)</b>								
ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	129	65	1.94	81	2.35	-0.41
KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	1100	500	14.10	588	14.64	-0.53
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	147	3.45	144	3.53	-0.08
Budhil HPS(IPP)	70	0	40	39	0.88	37	0.88	0.00
<b>Sub Total (G)</b>	<b>1662</b>	<b>0</b>	<b>1418</b>	<b>751</b>	<b>20.37</b>	<b>849</b>	<b>21.39</b>	<b>-1.02</b>
<b>H. Total Regional Entities (A-G)</b>	<b>24419</b>	<b>16143</b>	<b>18533</b>	<b>12692</b>	<b>338.70</b>	<b>14112</b>	<b>331.45</b>	<b>7.25</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	1140	990	23.09	962
	Guru Nanak Dev TPS(Bhatinda) (4*110)	440	451	340	7.64	318
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	922	658	16.88	703
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	1389	1376	31.66	1319
	Talwandi Saboo (1*660)	660	0	0	0.00	0
	<b>Thermal (Total)</b>	<b>4680</b>	<b>3902</b>	<b>3364</b>	<b>79.26</b>	<b>3303</b>
	Total Hydro	1148	661	345	11.08	462
<b>Total Punjab</b>	<b>5828</b>	<b>4563</b>	<b>3709</b>	<b>90.34</b>	<b>3764</b>	
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	1123	1120	25.56	1065
	DCRTPP (Yamuna nagar) (2*300)	600	531	516	11.87	495
	Faridabad GPS (NTPC)	432	194	154	4.08	170
	RGTPP (khedar) (IPP) (2*600)	1200	753	745	16.24	677
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	1183	1176	26.46	1103
	<b>Thermal (Total)</b>	<b>4944</b>	<b>3784</b>	<b>3711</b>	<b>84.22</b>	<b>3509</b>
	Total Hydro	62	30	28	0.69	29
	<b>Total Haryana</b>	<b>5006</b>	<b>3814</b>	<b>3739</b>	<b>84.92</b>	<b>3538</b>
	Rajasthan	kota TPS (2*110+2*195+3*210)	1240	853	884	21.32
suratgarh TPS (6*250)		1500	1107	1013	25.97	1082
Chabra TPS (3*250)		750	200	437	8.72	363
Dholpur GPS (3*110)		330	116	92	2.76	115
Ramgarh GPS (1*3 + 1*35.5 +2*37.5 +1*110 +1*50)		271	152	140	3.59	150
RAPS A (NPC) (1*100+1*200)		300	0	0	1.62	68
Barsingsar (NLC) (2*125)		250	96	98	2.18	91
Giral LTPS (2*125)		250	0	0	0.00	0
Rajwast LTPS (IPP) (8*135)		1080	832	832	20.25	844
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	1006	593	18.79	783
<b>Thermal (Total)</b>		<b>8026</b>	<b>4362</b>	<b>4089</b>	<b>105</b>	<b>4384</b>
Total Hydro		550	25	86	1.72	72
Wind power		2798	503	1155	20.74	864
Biomass		99	41	41	0.99	41
Solar		730	0	0	0.62	26
Renewable/Others (Total)		3627	544	1196	22.34	931
<b>Total Rajasthan</b>	<b>12203</b>	<b>4931</b>	<b>5371</b>	<b>129.28</b>	<b>5387</b>	
UP	Anpara TPS (3*210+2*500)	1630	810	830	19.40	808
	Obra TPS (2*50+2*94+5*200)	1194	372	365	9.00	375
	Paricha TPS (2*110+2*220+2*250)	1140	622	630	15.00	625
	Panki TPS (2*105)	210	117	126	2.80	117
	Harduaganj TPS (1*60+1*105+2*250)	665	453	380	9.40	392
	Tanda TPS (NTPC) (4*110)	440	175	178	4.40	183
	Roza TPS (IPP) (4*300)	1200	1112	1112	26.50	1104
	Anpara-C (IPP) (2*600)	1200	900	900	21.70	904
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	320	359	6.90	288
	<b>Thermal (Total)</b>	<b>8129</b>	<b>4881</b>	<b>4880</b>	<b>115.10</b>	<b>4796</b>
	Vishnuparyag HPS (IPP)	400	436	436	10.50	438
	Other Hydro	527	229	206	5.10	213
	Cogeneration	981	15	15	0.36	15
	<b>Total UP</b>	<b>10037</b>	<b>5561</b>	<b>5537</b>	<b>131.06</b>	<b>5023</b>
	Uttarakhand	Total Hydro	1398	863	737	18.59
<b>Total Uttarakhand</b>		<b>1398</b>	<b>863</b>	<b>737</b>	<b>18.59</b>	<b>775</b>
Delhi	Raighat TPS (2*67.5)	135	41	27	0.89	37
	Delhi Gas Turbine (6x30 + 3x34)	282	106	108	2.52	105
	Pragati Gas Turbine (2x104+ 1x122)	330	263	290	6.27	261
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (6*250)	1370	281	238	6.61	275
	Badarpur TPS (NTPC) (3*95+2*210)	705	307	313	7.74	323
	<b>Thermal (Total)</b>	<b>2917</b>	<b>998</b>	<b>976</b>	<b>24.03</b>	<b>1001</b>
<b>Total Delhi</b>	<b>2917</b>	<b>998</b>	<b>976</b>	<b>24.03</b>	<b>1001</b>	
HP	Baspa HPS (IPP) (2*150)	300	208	287	5.27	220
	Malana HPS (IPP) (2*43)	86	71	40	1.14	47
	Other Hydro	728	556	584	13.14	547
	<b>Total HP</b>	<b>1114</b>	<b>835</b>	<b>911</b>	<b>19.54</b>	<b>814</b>
J & K	Baqilhar HPS (IPP) (3*150)	450	0	0	0.00	0
	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>0</b>	<b>0</b>	<b>0.00</b>	<b>0</b>
<b>Total State Control Area Generation</b>		<b>39597</b>	<b>21565</b>	<b>20980</b>	<b>497.75</b>	<b>20302</b>
<b>J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]</b>			<b>3832</b>	<b>7223</b>	<b>146.52</b>	<b>6105</b>
<b>Total Regional Availability(Gross)</b>		<b>64017</b>	<b>43930</b>	<b>40895</b>	<b>982.97</b>	<b>40520</b>

#### IV. Total Hydro Generation:

Regional Entities Hydro	11432	10202	4903	153.70	6404
State Control Area Hydro	5684	2643	2313	67.22	2364
<b>Total Regional Hydro</b>	<b>17116</b>	<b>12845</b>	<b>7216</b>	<b>220.92</b>	<b>8768</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	500	500	0	9.58	0.00	9.58
Gwalior-Agra (D/C)	924	2071	2215	0	36.87	0.00	36.87
Zerda-Kankroli	-189	-27	0	232	0.00	3.22	-3.22
Zerda-Bhinmal	-192	-36	0	249	0.00	2.95	-2.95
Malanpur-Auraiya	-94	-42	0	105	0.00	1.46	-1.46
Badod-Kota/Morak	5	24	27	20	0.65	0.00	0.65
Mundra-Mohindergarh(HVDC)	1798	1802	1805	0	43.55	0.00	43.55
Vindhychal - Rihand	488	496	511	0	11.78	0.00	11.78
<b>Sub Total WR</b>	<b>2790</b>	<b>4788</b>			<b>102.43</b>	<b>7.63</b>	<b>94.80</b>
Pusauli Bypass	400	400	400	0	9.60	0.00	9.60
MZP- GKP (D/C)	322	718	810	0	14.84	0.00	14.84
Patna-Balia(D/C)	222	499	529	0	10.16	0.00	10.16
B'Sharif-Balia (D/C)	28	286	323	0	5.38	0.00	5.38
Pusauli-Balia	-133	-85	0	137	0.00	2.09	-2.09
Gaya-Fatehpur (765 Kv)	113	363	433	0	7.46	0.00	7.46
Pusauli-Sahupuri	164	150	164	0	3.27	0.00	3.27
K'nasa-Sahupuri	0	0	0	0	0.96	0.00	0.96
Son Ngr-Rihand	-36	-40	0	50	0.00	0.89	-0.89
Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
Sasaram - Fatehpur(765 KV)	-38	144	228	38	3.03	0.00	3.03
<b>Sub Total ER</b>	<b>1042</b>	<b>2435</b>			<b>54.70</b>	<b>2.98</b>	<b>51.72</b>
<b>Total IR Exch</b>	<b>3832</b>	<b>7223</b>			<b>157.13</b>	<b>10.61</b>	<b>146.52</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
22.51	3.83	26.34	14.31	23.37	8.64	32.59	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
49.28	86.72	136.01	51.72	94.80	146.52	2.44	8.08	10.52

**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	2.16	18.62	62.14	66.66	10.07	4.09	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				
50.32	18.03	49.72	14.43	49.97	0.07	0.08	50.27	49.86

**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	407	18:24	0.0	0.0	0.0	0.0
Gorakhpur	400	411	18:04	389	10:22	0.0	0.3	0.0	0.0
Bareilly	400	418	18:04	390	10:23	0.0	0.0	0.0	0.0
Kanpur	400	418	18:04	400	10:22	0.0	0.0	0.0	0.0
Dadri	400	412	18:04	397	14:42	0.0	0.0	0.0	0.0
Ballabgarh	400	412	20:00	405	23:32	0.0	0.0	0.0	0.0
Bawana	400	415	18:06	396	10:24	0.0	0.0	0.0	0.0
Bassi	400	427	04:04	401	10:22	0.0	0.0	9.6	0.0
Hissar	400	407	18:03	390	10:22	0.0	0.0	0.0	0.0
Moga	400	409	04:01	397	09:42	0.0	0.0	0.0	0.0
Abdullapur	400	417	18:05	396	09:37	0.0	0.0	0.0	0.0
Nalagarh	400	416	04:00	401	10:21	0.0	0.0	0.0	0.0
Kishenpur	400	414	04:01	403	19:11	0.0	0.0	0.0	0.0
Wagoora	400	413	02:50	397	19:10	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	781	18:06	743	10:22	0.0	0.0	0.0	0.0
Balia	765	770	18:06	728	10:22	0.0	21.9	0.0	0.0
Moga	765	787	18:04	760	10:22	0.0	0.0	0.0	0.0
Agra	765	804	18:04	757	09:36	0.0	0.0	0.2	0.0
Bhiwani	765	785	06:05	759	10:22	0.0	0.0	0.0	0.0
Unnao	765	765	18:08	726	00:10	0.5	53.8	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	511.52	1620.46	511.47	1620.46	541.11	629.26
Pong	426.72	384.05	416.91	755.83	423.52	1051.02	104.18	148.83
Tehri	829.79	740.04	822.30	1051.00	822.95	1065.64	204.15	110.00
Koteshwar	612.50	598.50	611.88	5.20	611.00	5.10	110.00	118.00
Chamera-I	760.00	748.75	756.68	0.00	0.00	0.00	167.30	172.57
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	516.41	4.35	519.80	6.81	145.89	190.15

\* 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	936	197	0	27.58	0.76	28.34
Delhi	164	63	-30	369	210	-30	9.45	4.88	14.34
Haryana	1382	38	0	1298	28	0	33.01	-0.90	32.11
HP	-639	0	0	-612	-274	0	-14.38	-1.84	-16.22
J&K	-538	-73	0	-336	76	0	-9.22	-0.62	-9.85
CHD	0	0	0	0	0	0	0.07	0.00	0.07
Rajasthan	190	238	2	262	-33	0	5.53	1.59	7.12
UP	22	1919	27	-410	155	29	-7.20	37.94	30.74
Uttarakhand	85	178	0	85	17	0	2.03	3.24	5.28
<b>Total</b>	<b>1846</b>	<b>2363</b>	<b>-1</b>	<b>1592</b>	<b>376</b>	<b>-2</b>	<b>46.88</b>	<b>45.04</b>	<b>91.92</b>

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	1330	936	197	0	0	0
Delhi	762	164	616	-96	0	-30
Haryana	1411	1298	41	-575	0	0
HP	-514	-713	0	-274	0	0
J&K	-336	-538	76	-73	0	0
CHD	15	0	0	0	0	0
Rajasthan	410	167	411	-40	2	0
UP	22	-538	1969	0	30	0
Uttarakhand	85	85	247	11	0	0

**XI. System Constraints:****XII. Grid Disturbance / Any Other Significant Event:****XIII. Weather Conditions For 20.09.2014 :**

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 :**