

# पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पावरसिड की पूर्ण स्वामित्व प्राप्त महायक कंपनी)



## उत्तरी क्षेत्रीय भार प्रेषण केंद्र

Power Supply Position in Northern Region for 16.10.2014  
Date of Reporting : 17.10.2014

### 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
35426	2975	38401	50.11	27428	880	28308	50.03	746.8	48.15

\* 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	37.01	10.99		48.00	57.67	59.01	1.34	107.01	2.07
Haryana	50.95	0.64		51.59	58.18	57.10	-1.08	108.69	0.00
Rajasthan	120.96	3.95	7.63	132.53	39.46	38.86	-0.60	171.39	0.00
Delhi	28.59			28.59	45.16	41.84	-3.32	70.42	0.00
UP	102.10	8.20	1.20	111.50	85.44	88.18	2.74	199.68	44.18
Uttarakhand		10.93		10.93	18.42	19.58	1.16	30.51	1.90
HP		9.84		9.84	13.34	14.22	0.88	24.06	0.00
J & K		7.02	0.00	7.02	22.33	24.40	2.07	31.42	0.00
Chandigarh				0.00	3.49	3.63	0.14	3.63	0.00
<b>Total</b>	<b>339.61</b>	<b>51.57</b>	<b>8.83</b>	<b>400.01</b>	<b>343.48</b>	<b>346.80</b>	<b>3.32</b>	<b>746.81</b>	<b>48.15</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	5078	0	-80	406	3765	0	179	156	5078
Haryana	6047	0	-143	201	3725	0	-60	70	6047
Rajasthan	7887	0	14	-258	6455	0	67	177	7887
Delhi	3441	0	1	-87	2287	0	-220	-412	3591
UP	8425	2830	-507	418	8083	880	12	571	8942
Uttarakhand	1491	145	89	234	1160	0	-14	397	1593
HP	1189	0	77	-363	781	0	35	60	1290
J&K	1684	0	106	-59	1070	0	113	-204	1734
Chandigarh	185	0	-2	0	103	0	-7	0	194
<b>Total</b>	<b>35426</b>	<b>2975</b>	<b>-445</b>	<b>493</b>	<b>27428</b>	<b>880</b>	<b>105</b>	<b>814</b>	<b>35426</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
<b>A. NTPC</b>								
Singrauli STPS (5*200+2*500)	2000	1050	1162	1160	27.74	1156	25.20	2.54
Rihand I STPS (2*500)	1000	422	458	466	10.26	428	10.02	0.24
Rihand II STPS (2*500)	1000	776	567	1036	18.29	762	18.21	0.08
Rihand III STPS (2*500)	1000	809	981	505	19.30	804	18.82	0.47
Dadri I STPS (4*210)	840	813	605	600	16.38	683	15.38	1.00
Dadri II STPS (2*490)	980	668	800	365	13.27	553	13.76	-0.49
Unchahar I TPS (2*210)	420	176	153	141	4.37	182	3.91	0.46
Unchahar II TPS (2*210)	420	350	279	284	8.32	347	7.48	0.84
Unchahar III TPS (1*220)	210	178	146	144	4.23	176	3.81	0.42
I-STPP (Jhajhar) (3*500)	1500	990	871	725	14.25	594	14.73	-0.48
Dadri GPS (4*130.19+2*154.51)	830	800	169	200	4.58	191	4.59	-0.01
Anta GPS (3*88.71+1*153.2)	419	393	-1	-1	0.00	0	0.00	0.00
Auraiya GPS (4*111.19+2*109.30)	663	483	154	161	3.88	162	3.76	0.13
Dadri Solar	5	1	0	0	0.03	1	0.03	0.00
Unchahar Solar	10	3	0	0	0.04	2	0.07	-0.03
<b>Sub Total (A)</b>	<b>11297</b>	<b>7912</b>	<b>6344</b>	<b>5786</b>	<b>145</b>	<b>6039</b>	<b>140</b>	<b>5</b>
<b>B. NPC</b>								
NAPS (2*220)	440	284	321	325	6.79	283	6.82	-0.02
RAPS- B (2*220)	440	397	438	442	9.49	395	9.53	-0.04
RAPS- C (2*220)	440	192	209	207	4.40	183	4.61	-0.21
<b>Sub Total (B)</b>	<b>1320</b>	<b>873</b>	<b>968</b>	<b>974</b>	<b>20.68</b>	<b>862</b>	<b>20.95</b>	<b>-0.28</b>
<b>C. NHPC</b>								
Chamera I HPS (3*180)	540	534	350	0	3.58	149	3.50	0.08
Chamera III HPS (3*100)	300	300	200	0	2.52	105	2.45	0.07
Chamera III HPS (3*77)	231	229	224	0	1.58	66	1.50	0.08
Bairasuli HPS(3*60)	180	120	120	0	1.04	44	0.95	0.09
Salal-HPS (6*115)	690	228	200	316	6.17	257	5.47	0.70
Tanakpur-HPS (3*40)	94	87	84	94	2.14	89	2.08	0.06
Uri-I HPS (4*120)	480	400	408	410	9.90	412	9.60	0.30
Uri-II HPS (4*60)	240	221	214	233	5.46	228	5.31	0.15
Dhauliganga-HPS (4*70)	280	118	208	140	2.90	121	2.83	0.08
Dulhasti-HPS (3*130)	390	387	403	268	6.69	279	6.50	0.19
Sewa-II HPS (3*40)	120	119	121	0	0.62	26	0.50	0.12
Parbati 3 (4*130)	520	260	262	0	1.03	43	0.98	0.05
<b>Sub Total (C)</b>	<b>4065</b>	<b>3003</b>	<b>2794</b>	<b>1461</b>	<b>44</b>	<b>1818</b>	<b>42</b>	<b>2</b>
<b>D. SJVNL</b>								
NJPC (6*250)	1500	1605	1025	204	13.65	569	13.37	0.28
Rampur HEP (4*68.67)	275	154	302	60	3.96	165	3.69	0.27
<b>Sub Total (D)</b>	<b>1775</b>	<b>1759</b>	<b>1327</b>	<b>264</b>	<b>17.60</b>	<b>733</b>	<b>17.06</b>	<b>0.55</b>
<b>E. THDC</b>								
Tehri HPS (4*250)	1000	1060	1063	0	5.49	229	5.40	0.09
Koteshwar HPS (4*100)	400	91	100	91	1.89	79	1.75	0.14
<b>Sub Total (E)</b>	<b>1400</b>	<b>1151</b>	<b>1163</b>	<b>91</b>	<b>7.38</b>	<b>307</b>	<b>7.15</b>	<b>0.23</b>
<b>F. BBMB</b>								
Bhakra HPS (3*108+2*126+6*157)	1514	625	1179	390	15.38	641	15.01	0.37
Dehar HPS (6*165)	990	213	660	140	5.24	218	5.11	0.13
Pong HPS (6*66)	396	222	318	126	5.48	228	5.32	0.16
<b>Sub Total (F)</b>	<b>2900</b>	<b>1060</b>	<b>2157</b>	<b>656</b>	<b>26.10</b>	<b>1088</b>	<b>25.44</b>	<b>0.67</b>
<b>G. IPP(s)/JV(s)</b>								
ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	66	0	1.06	44	1.02	0.04
KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	830	230	7.74	323	7.47	0.28
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	151	3.56	148	3.55	0.01
Budhil HPS(IPP)	70	0	25	0	0.35	14	0.34	0.00
<b>Sub Total (G)</b>	<b>1662</b>	<b>0</b>	<b>1069</b>	<b>381</b>	<b>12.71</b>	<b>530</b>	<b>12.39</b>	<b>0.33</b>
<b>H. Total Regional Entities (A-G)</b>	<b>24419</b>	<b>15758</b>	<b>15823</b>	<b>9612</b>	<b>273.04</b>	<b>11377</b>	<b>264.40</b>	<b>8.64</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	170	170	3.88	162
	Guru Nanak Dev TPS(Bhatinda) (4*110)	440	80	80	1.93	80
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	200	200	4.73	197
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	1233	748	26.47	1103
	Talwandi Saboo (1*660)	660	0	0	0.00	0
	<b>Thermal (Total)</b>	<b>4680</b>	<b>1683</b>	<b>1198</b>	<b>37.01</b>	<b>1542</b>
	Total Hydro	1148	440	474	10.99	458
<b>Total Punjab</b>	<b>5828</b>	<b>2123</b>	<b>1672</b>	<b>48.00</b>	<b>2000</b>	
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	443	599	11.59	483
	DCRTPP (Yamuna nagar) (2*300)	600	255	235	5.58	233
	Faridabad GPS (NTPC)	432	271	173	6.12	255
	RGTPP (khedar) (IPP) (2*600)	1200	1114	736	18.14	756
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	598	380	9.51	396
	<b>Thermal (Total)</b>	<b>4944</b>	<b>2681</b>	<b>2123</b>	<b>50.95</b>	<b>2123</b>
	Total Hydro	62	27	27	0.64	27
	<b>Total Haryana</b>	<b>5006</b>	<b>2708</b>	<b>2150</b>	<b>51.59</b>	<b>2150</b>
	Rajasthan	kota TPS (2*110+2*195+3*210)	1240	415	828	17.31
suratgarh TPS (6*250)		1500	1154	905	24.84	1035
Chabra TPS (3*250)		750	556	569	9.68	403
Dholpur GPS (3*110)		330	117	122	2.68	112
Ramgarh GPS (1*3 + 1*35.5 +2*37.5 +1*110 +1*50)		271	38	38	2.19	91
RAPS A (NPC) (1*100+1*200)		300	180	89	4.37	182
Barsingar (NLC) (2*125)		250	184	184	4.30	179
Giral LTPS (2*125)		250	0	0	0.00	0
Rajwest LTPS (IPP) (8*135)		1080	832	465	19.11	796
VS LIGNITE LTPS (IPP) (1*135)		135	0	0	0.00	0
Kalisindh Thermal(1*600)		600	462	462	9.68	403
Kawai(Adani) (2*660)		1320	1172	846	26.79	1116
<b>Thermal (Total)</b>		<b>8026</b>	<b>5110</b>	<b>4508</b>	<b>121</b>	<b>5040</b>
Total Hydro		550	234	154	3.95	165
Wind power		2798	115	474	6.56	273
Biomass		99	27	27	0.65	27
Solar		730	0	0	0.42	18
Renewable/Others (Total)		3627	142	501	7.63	318
<b>Total Rajasthan</b>	<b>12203</b>	<b>5486</b>	<b>5163</b>	<b>132.53</b>	<b>5522</b>	
UP	Anpara TPS (3*210+2*500)	1630	924	857	21.40	892
	Obra TPS (2*50+2*94+5*200)	1194	359	326	8.10	338
	Paricha TPS (2*110+2*220+2*250)	1140	579	543	13.50	563
	Panki TPS (2*105)	210	122	108	2.60	108
	Harduaganj TPS (1*60+1*105+2*250)	665	457	446	10.40	433
	Tanda TPS (NTPC) (4*110)	440	177	160	4.20	175
	Roza TPS (IPP) (4*300)	1200	810	576	16.80	700
	Anpara-C (IPP) (2*600)	1200	526	855	18.70	779
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	321	219	6.40	267
	<b>Thermal (Total)</b>	<b>8129</b>	<b>4275</b>	<b>4090</b>	<b>102.10</b>	<b>4254</b>
	Vishnuparyag HPS (IPP)	400	217	188	4.60	192
	Other Hydro	527	134	105	3.60	150
	Cogeneration	981	50	50	1.20	50
	<b>Total UP</b>	<b>10037</b>	<b>4676</b>	<b>4433</b>	<b>111.50</b>	<b>4454</b>
	Uttarakhand	Total Hydro	1398	574	433	10.93
<b>Total Uttarakhand</b>		<b>1398</b>	<b>574</b>	<b>433</b>	<b>10.93</b>	<b>455</b>
Delhi	Raighat TPS (2*67.5)	135	0	0	0.00	0
	Delhi Gas Turbine (6x30 + 3x34)	282	79	79	1.93	80
	Pragati Gas Turbine (2x104+ 1x122)	330	269	264	6.56	273
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (6*250)	1370	439	457	10.80	450
	Badarpur TPS (NTPC) (3*95+2*210)	705	365	374	9.30	387
	<b>Thermal (Total)</b>	<b>2917</b>	<b>1152</b>	<b>1174</b>	<b>28.59</b>	<b>1191</b>
<b>Total Delhi</b>	<b>2917</b>	<b>1152</b>	<b>1174</b>	<b>28.59</b>	<b>1191</b>	
HP	Baspa HPS (IPP) (2*150)	300	187	62	2.24	93
	Malana HPS (IPP) (2*43)	86	23	0	0.49	20
	Other Hydro	728	301	294	7.12	297
	<b>Total HP</b>	<b>1114</b>	<b>511</b>	<b>356</b>	<b>9.84</b>	<b>410</b>
J & K	Baqilhar HPS (IPP) (3*150)	450	450	240	7.02	293
	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>450</b>	<b>240</b>	<b>7.02</b>	<b>293</b>
<b>Total State Control Area Generation</b>		<b>39597</b>	<b>17680</b>	<b>15621</b>	<b>400.01</b>	<b>16475</b>
<b>J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]</b>			<b>3023</b>	<b>3358</b>	<b>98.10</b>	<b>4087</b>
<b>Total Regional Availability(Gross)</b>		<b>64017</b>	<b>36526</b>	<b>28591</b>	<b>771.14</b>	<b>31939</b>

#### IV. Total Hydro Generation:

Regional Entities Hydro	11432	8338	2701	103.52	4313
State Control Area Hydro	5684	2370	1789	51.57	1957
<b>Total Regional Hydro</b>	<b>17116</b>	<b>10708</b>	<b>4490</b>	<b>155.10</b>	<b>6271</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	-300	100	300	0.09	6.70	-6.61
Gwalior-Agra (D/C)	613	856	1420	0	22.91	0.00	22.91
Zerda-Kankroli	-182	-288	0	363	0.00	6.15	-6.15
Zerda-Bhinmal	-158	-225	0	318	0.00	4.40	-4.40
Malanpur-Auraiya	-112	-120	0	156	0.00	2.77	-2.77
Badod-Kota/Morak	-109	-220	0	248	0.00	3.78	-3.78
Mundra-Mohindergarh(HVDC)	1501	1298	1704	0	34.74	0.00	34.74
Vindhychal - Rihand	487	498	520	0	11.85	0.00	11.85
<b>Sub Total WR</b>	<b>1740</b>	<b>1499</b>			<b>69.58</b>	<b>23.80</b>	<b>45.78</b>
Pusauli Bypass	400	400	400	0	9.72	0.00	9.72
MZP- GKP (D/C)	220	396	733	0	11.43	0.00	11.43
Patna-Balia(D/C)	417	479	572	0	14.49	0.00	14.49
B'Sharif-Balia (D/C)	122	149	401	0	6.32	0.00	6.32
Pusauli-Balia	-121	-116	0	125	0.00	2.40	-2.40
Gaya-Fatehpur (765 Kv)	0	326	484	0	3.84	0.00	3.84
Pusauli-Sahupuri	145	156	168	0	3.22	0.00	3.22
K'nasa-Sahupuri	-26	-26	0	28	0.00	0.64	-0.64
Son Ngr-Rihand	-38	-40	0	41	0.00	0.83	-0.83
Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
Sasaram - Fatehpur(765 KV)	164	135	549	0	7.18	0.00	7.18
<b>Sub Total ER</b>	<b>1283</b>	<b>1859</b>			<b>56.19</b>	<b>3.87</b>	<b>52.32</b>
<b>Total IR Exch</b>	<b>3023</b>	<b>3358</b>			<b>125.77</b>	<b>27.67</b>	<b>98.10</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
29.16	2.09	31.26	4.36	9.45	0.13	3.12	-0.07	0.07

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
35.68	57.52	93.21	52.32	45.78	98.10	16.64	-11.74	4.89

**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	4.48	16.96	45.30	75.30	47.13	6.05	1.82	0.00	NA

Frequency (Hz)				Average Frequency Hz	Frequency Variation Index	Std. Dev.	Frequency in 15 Min Block	
Maximum		Minimum					MAX (Hz)	MIN (Hz)
Freq	Time	Freq	Time					
50.19	18.02	49.55	18.29	49.91	0.21	0.11	50.14	49.73

**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	403	03:45	396	09:25	17.8	17.8	0.0	0.0
Gorakhpur	400	429	05:16	409	10:53	0.0	0.0	37.0	0.0
Bareilly	400	425	04:06	396	08:40	0.0	0.0	6.4	0.0
Kanpur	400	420	04:02	397	08:39	0.0	0.0	0.0	0.0
Dadri	400	419	03:17	397	08:52	0.0	0.0	0.0	0.0
Ballabgarh	400	428	03:08	402	08:51	0.0	0.0	18.5	0.0
Bawana	400	426	04:03	404	08:40	0.0	0.0	13.7	0.0
Bassi	400	432	03:10	392	08:42	0.0	0.0	11.3	1.8
Hissar	400	414	03:08	392	08:39	0.0	0.0	0.0	0.0
Moga	400	421	03:05	397	08:40	0.0	0.0	0.3	0.0
Abdullapur	400	424	03:06	396	08:42	0.0	0.0	10.8	0.0
Nalagarh	400	423	03:06	402	10:08	0.0	0.0	5.8	0.0
Kishenpur	400	226	13:22	204	19:04	100.0	100.0	0.0	0.0
Wagoora	400	414	13:22	364	19:15	35.3	52.7	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	03:16	745	13:47	0.0	0.0	0.0	0.0
Balia	765	775	03:18	752	12:48	0.0	0.0	0.0	0.0
Moga	765	806	03:16	770	09:23	0.0	0.0	33.7	0.0
Agra	765	801	03:31	766	12:50	0.0	0.0	0.2	0.0
Bhiwani	765	808	03:16	768	12:49	0.0	0.0	30.9	0.0
Unnao	765	773	04:01	751	09:22	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	508.62	1485.27	511.02	1605.30	273.65	433.45
Pong	426.72	384.05	416.61	743.22	421.85	975.80	51.59	326.86
Tehri	829.79	740.04	824.60	1099.00	824.80	1103.00	94.76	119.00
Koteshwar	612.50	598.50	608.78	3.98	610.25	4.69	119.00	125.00
Chamera-I	760.00	748.75	0.00	0.00	0.00	0.00	0.00	0.00
Rihand	268.22	252.98	854.50	329.80	858.60	401.00	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	511.43	3.34	518.62	3.49	67.14	142.43

\* 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	147	8	0	393	14	0	7.91	0.33	8.23
Delhi	-314	-62	-36	-110	28	-5	-3.09	-0.42	-3.51
Haryana	5	65	0	129	72	0	1.09	1.16	2.25
HP	81	-21	0	81	-443	0	1.94	-2.76	-0.82
J&K	-128	-76	0	-59	0	0	-1.34	-0.32	-1.66
CHD	0	0	0	0	0	0	0.00	0.17	0.17
Rajasthan	-64	239	2	-166	-94	1	-2.76	3.01	0.25
UP	571	0	0	418	0	0	10.92	0.00	10.92
Uttarakhand	318	79	0	24	210	0	3.99	4.60	8.59
<b>Total</b>	<b>615</b>	<b>232</b>	<b>-33</b>	<b>711</b>	<b>-214</b>	<b>-4</b>	<b>18.65</b>	<b>5.76</b>	<b>24.41</b>

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	491	147	114	0	0	0
Delhi	32	-314	300	-277	-5	-36
Haryana	225	-198	74	18	0	0
HP	81	81	166	-486	0	0
J&K	-27	-128	99	-102	0	0
CHD	0	0	34	0	0	0
Rajasthan	-64	-267	347	-228	2	1
UP	582	398	0	0	0	0
Uttarakhand	318	24	368	30	0	0

**XI. System Constraints:****XII. Grid Disturbance / Any Other Significant Event:****XIII. Weather Conditions For 16.10.2014 :**

'Cloudy weather in some parts of Northern Region.

**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 :**