

# पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पावरसिड की पूर्ण स्वामित्व प्राप्त महायक कंपनी)



## उत्तरी क्षेत्रीय भार प्रेषण केंद्र

Power Supply Position in Northern Region for 24.12.2014  
Date of Reporting : 25.12.2014

### I. Regional Availability/Demand:

Evening Peak (19:00 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
39574	3405	42979	0.00	29279	1074	30353	50.14	821.5	112.10

\* 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	55.26	8.55		63.80	34.04	34.98	0.94	98.78	0.00
Haryana	56.69	0.48		57.17	59.67	59.94	0.27	117.11	45.19
Rajasthan	108.06	5.26	8.57	121.89	81.97	82.92	0.95	204.81	0.00
Delhi	22.76			22.76	47.58	47.65	0.07	70.40	0.00
UP	141.40	3.60		145.00	78.26	78.55	0.29	223.55	58.51
Uttarakhand		6.74		6.74	26.92	28.02	1.09	34.76	0.86
HP		4.44		4.44	20.34	21.16	0.81	25.60	0.00
J & K		5.04	0.00	5.04	32.48	37.40	4.92	42.44	7.55
Chandigarh				0.00	3.64	4.03	0.27	4.03	0.00
<b>Total</b>	<b>384.17</b>	<b>34.11</b>	<b>8.57</b>	<b>426.84</b>	<b>384.89</b>	<b>394.62</b>	<b>9.61</b>	<b>821.46</b>	<b>112.10</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 (19:00 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	5114	0	-21	-436	3175	0	105	-358	5365
Haryana	5487	680	-54	-648	3843	0	19	-745	5487
Rajasthan	9654	0	206	904	7371	0	39	1379	9654
Delhi	3630	0	83	5	1811	0	99	-963	3876
UP	10561	2295	195	115	9319	750	-3	72	10561
Uttarakhand	1725	75	15	774	1176	0	52	555	1797
HP	1292	20	114	446	763	20	26	444	1369
J&K	1900	335	79	628	1724	304	201	669	1900
Chandigarh	211	0	7	0	97	0	17	-31	239
<b>Total</b>	<b>39574</b>	<b>3405</b>	<b>623</b>	<b>1788</b>	<b>29279</b>	<b>1074</b>	<b>555</b>	<b>1023</b>	<b>39574</b>

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

# figures may not be at simultaneous hour.

Diversity is 1.02

### 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	1460	1567	1555	37.78	1574	34.93	2.84
Rihand I STPS (2*500)	1000	875	945	927	21.99	916	20.40	1.59
Rihand II STPS (2*500)	1000	464	493	507	11.80	492	10.78	1.03
Rihand III STPS (2*500)	1000	938	1002	708	22.21	925	20.95	1.26
Dadri I STPS (4*210)	840	615	641	454	13.88	578	13.23	0.65
Dadri II STPS (2*490)	980	980	930	706	21.54	898	21.14	0.40
Unchahar I TPS (2*210)	420	288	209	349	6.77	282	6.46	0.30
Unchahar II TPS (2*210)	420	403	440	413	9.74	406	8.98	0.76
Unchahar III TPS (1*220)	210	202	218	150	4.83	201	4.46	0.37
I-STPP (Jhajhar) (3*500)	1500	800	794	765	17.66	736	17.79	-0.13
Dadri GPS (4*130.19+2*154.51)	830	840	187	174	4.21	175	4.22	-0.01
Anta GPS (3*88.71+1*153.2)	419	426	213	231	5.44	227	5.50	-0.06
Auraiva GPS (4*111.19+2*109.30)	663	666	141	160	3.72	155	3.63	0.08
Dadri Solar	5	1	0	0	0.01	1	0.02	-0.01
Unchahar Solar	10	3	0	0	0.03	1	0.07	-0.04
<b>Sub Total (A)</b>	<b>11297</b>	<b>8962</b>	<b>7780</b>	<b>7099</b>	<b>182</b>	<b>7567</b>	<b>173</b>	<b>9</b>
<b>B. NPC</b>								
NAPS (2*220)	440	319	358	362	7.75	323	7.66	0.09
RAPS-B (2*220)	440	210	233	234	4.67	194	5.04	-0.37
RAPS-C (2*220)	440	220	237	239	5.15	215	5.28	-0.13
<b>Sub Total (B)</b>	<b>1320</b>	<b>749</b>	<b>828</b>	<b>835</b>	<b>17.57</b>	<b>732</b>	<b>17.98</b>	<b>-0.41</b>
<b>C. NHPC</b>								
Chamera I HPS (3*180)	540	356	165	0	1.28	53	1.20	0.08
Chamera II HPS (3*100)	300	300	209	0	1.16	48	1.10	0.06
Chamera III HPS (3*77)	231	154	159	0	0.68	29	0.65	0.03
Bairasuli HPS(3*60)	180	179	181	0	0.45	19	0.39	0.06
Salal-HPS (6*115)	690	111	230	105	2.82	118	2.67	0.16
Tanakpur-HPS (3*40)	94	28	46	29	0.74	31	0.66	0.08
Uri-I HPS (4*120)	480	111	151	112	2.86	119	2.66	0.20
Uri-II HPS (4*60)	240	0	0	0	0.00	0	0.00	0.00
Dhauliganga-HPS (4*70)	280	139	140	0	0.93	39	0.85	0.08
Dulhasti-HPS (3*130)	390	387	400	0	2.98	124	2.80	0.18
Sewa-II HPS (3*40)	120	119	122	0	0.37	16	0.36	0.01
Parbati 3 (4*130)	520	0	0	0	0.00	0	0.00	0.00
<b>Sub Total (C)</b>	<b>4065</b>	<b>1883</b>	<b>1804</b>	<b>246</b>	<b>14</b>	<b>595</b>	<b>13</b>	<b>1</b>
<b>D. SJVNL</b>								
NJPC (6*250)	1500	1605	1391	0	7.61	317	7.48	0.13
Rampur HEP (4*68.67)	275	420	384	0	2.15	90	2.07	0.08
<b>Sub Total (D)</b>	<b>1775</b>	<b>2025</b>	<b>1775</b>	<b>0</b>	<b>9.76</b>	<b>407</b>	<b>9.54</b>	<b>0.21</b>
<b>E. THDC</b>								
Tehri HPS (4*250)	1000	971	945	0	7.55	315	7.39	0.16
Koteshwar HPS (4*100)	400	104	188	89	2.54	106	2.50	0.04
<b>Sub Total (E)</b>	<b>1400</b>	<b>1074</b>	<b>1133</b>	<b>89</b>	<b>10.09</b>	<b>421</b>	<b>9.89</b>	<b>0.21</b>
<b>F. BBMB</b>								
Bhakra HPS (3*108+2*126+6*157)	1514	565	1040	338	13.90	579	13.56	0.35
Dehar HPS (6*165)	990	135	165	0	3.34	139	3.25	0.09
Pong HPS (6*66)	396	238	384	60	5.61	234	5.71	-0.10
<b>Sub Total (F)</b>	<b>2900</b>	<b>938</b>	<b>1589</b>	<b>398</b>	<b>22.85</b>	<b>952</b>	<b>22.52</b>	<b>0.33</b>
<b>G. IPP(s)/JV(s)</b>								
ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	0	0	0.45	19	0.44	0.01
KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	675	0	4.12	171	3.96	0.15
Malana Stg-II HPS (2*50)	100	0	0	0	0.00	0	0.06	-0.06
Shree Cement TPS (2*150)	300	0	281	213	6.25	260	6.24	0.01
Budhil HPS(IPP)	70	0	0	0	0.00	0	0.00	0.00
<b>Sub Total (G)</b>	<b>1662</b>	<b>0</b>	<b>956</b>	<b>213</b>	<b>10.82</b>	<b>451</b>	<b>10.70</b>	<b>0.12</b>
<b>H. Total Regional Entities (A-G)</b>	<b>24419</b>	<b>15632</b>	<b>15865</b>	<b>8880</b>	<b>266.95</b>	<b>11123</b>	<b>256.52</b>	<b>10.43</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	1000	850	21.06	877
	Guru Nanak Dev TPS(Bhatinda) (4*110)	440	210	150	3.95	164
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	464	332	9.07	378
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	455	363	12.32	513
	Talwandi Saboo (1*660)	660	352	364	8.87	369
	<b>Thermal (Total)</b>	<b>4680</b>	<b>2481</b>	<b>2059</b>	<b>55.26</b>	<b>2302</b>
	Total Hydro	1148	424	193	8.55	356
<b>Total Punjab</b>	<b>5828</b>	<b>2905</b>	<b>2252</b>	<b>63.80</b>	<b>2658</b>	
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	696	660	15.98	666
	DCRTPP (Yamuna nagar) (2*300)	600	268	240	6.28	262
	Faridabad GPS (NTPC)	432	336	333	8.25	344
	RGTPP (khedar) (IPP) (2*600)	1200	585	362	12.57	524
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	595	379	13.62	567
	<b>Thermal (Total)</b>	<b>4944</b>	<b>2480</b>	<b>1974</b>	<b>56.69</b>	<b>2362</b>
	Total Hydro	62	20	20	0.48	20
	<b>Total Haryana</b>	<b>5006</b>	<b>2500</b>	<b>1994</b>	<b>57.17</b>	<b>2382</b>
	Rajasthan	kota TPS (2*110+2*195+3*210)	1240	1023	948	23.71
suratgarh TPS (6*250)		1500	1332	1151	29.38	1224
Chabra TPS (3*250)		750	585	511	14.41	600
Dholpur GPS (3*110)		330	0	0	0.02	1
Ramgarh GPS (1*3 + 1*35.5 +2*37.5 +1*110 +1*50)		271	182	194	4.94	206
RAPS A (NPC) (1*100+1*200)		300	150	152	4.16	173
Barsingsar (NLC) (2*125)		250	189	188	4.38	182
Giral LTPS (2*125)		250	85	85	1.52	63
Rajwest LTPS (IPP) (8*135)		1080	610	410	13.22	551
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	578	469	12.33	514
<b>Thermal (Total)</b>		<b>8026</b>	<b>4734</b>	<b>4108</b>	<b>108</b>	<b>4503</b>
Total Hydro		550	294	90	5.26	219
Wind power		2798	422	341	7.58	316
Biomass		99	37	37	0.88	37
Solar		730	1	0	0.11	5
Renewable/Others (Total)		3627	460	378	8.57	357
<b>Total Rajasthan</b>		<b>12203</b>	<b>5488</b>	<b>4576</b>	<b>121.89</b>	<b>5079</b>
UP		Anpara TPS (3*210+2*500)	1630	869	929	21.00
	Obra TPS (2*50+2*94+5*200)	1194	340	230	7.50	313
	Paricha TPS (2*110+2*220+2*250)	1140	652	761	16.80	700
	Panki TPS (2*105)	210	131	131	3.20	133
	Harduaganj TPS (1*60+1*105+2*250)	665	370	367	8.80	367
	Tanda TPS (NTPC) (4*110)	440	284	284	7.10	296
	Roza TPS (IPP) (4*300)	1200	1044	1058	25.30	1054
	Anpara-C (IPP) (2*600)	1200	1031	1023	24.30	1013
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	362	321	8.20	342
	<b>Thermal (Total)</b>	<b>8129</b>	<b>5083</b>	<b>5104</b>	<b>122.20</b>	<b>5092</b>
	Vishnuparyag HPS (IPP)	400	82	81	0.00	0
	Other Hydro	527	223	55	3.60	150
	Cogeneration	981	800	800	19.20	800
	<b>Total UP</b>	<b>10037</b>	<b>6188</b>	<b>6040</b>	<b>145.00</b>	<b>6042</b>
	Uttarakhand	Total Hydro	1398	388	196	6.74
<b>Total Uttarakhand</b>		<b>1398</b>	<b>388</b>	<b>196</b>	<b>6.74</b>	<b>281</b>
Delhi	Raighat TPS (2*67.5)	135	0	0	0.00	0
	Delhi Gas Turbine (6x30 + 3x34)	282	81	82	1.95	81
	Pragati Gas Turbine (2x104+ 1x122)	330	298	272	7.03	293
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (6*250)	1370	343	305	7.86	327
	Badarpur TPS (NTPC) (3*95+2*210)	705	258	219	5.93	247
	<b>Thermal (Total)</b>	<b>2917</b>	<b>980</b>	<b>878</b>	<b>22.76</b>	<b>948</b>
<b>Total Delhi</b>	<b>2917</b>	<b>980</b>	<b>878</b>	<b>22.76</b>	<b>948</b>	
HP	Baspa HPS (IPP) (2*150)	300	29	0	1.09	45
	Malana HPS (IPP) (2*43)	86	0	0	0.09	4
	Other Hydro	728	87	36	3.26	136
	<b>Total HP</b>	<b>1114</b>	<b>116</b>	<b>36</b>	<b>4.44</b>	<b>185</b>
J & K	Baqilhar HPS (IPP) (3*150)	450	270	120	3.78	158
	Other Hydro/IPP	436	67	50	1.26	52
	Gas/Diesel/Others	209	0	0	0.00	0
	<b>Total J &amp; K</b>	<b>1094</b>	<b>337</b>	<b>170</b>	<b>5.04</b>	<b>210</b>
<b>Total State Control Area Generation</b>		<b>39597</b>	<b>18902</b>	<b>16142</b>	<b>426.84</b>	<b>17785</b>
<b>J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]</b>			<b>6042</b>	<b>5603</b>	<b>158.39</b>	<b>6599</b>
<b>Total Regional Availability(Gross)</b>		<b>64017</b>	<b>40809</b>	<b>30625</b>	<b>852.18</b>	<b>35507</b>

#### IV. Total Hydro Generation:

Regional Entities Hydro	11432	6976	733	61.53	2564
State Control Area Hydro	5684	1802	760	34.11	1421
<b>Total Regional Hydro</b>	<b>17116</b>	<b>8778</b>	<b>1493</b>	<b>95.64</b>	<b>3985</b>

**V(A). Inter Regional Exchange [Import (+ve)/Export (-ve)] [Linkwise]**

Element	Peak(19:00 Hrs)		Off Peak(03:00 Hrs)		Maximum Interchange (MW)		Energy (MU)		Net Energy MU
	MW	MW	Import	Export	Import	Export	Import	Export	
Vindhychal B/B	500	500	500	0	11.55	0.00	11.55		
Gwalior-Agra (D/C)	2002	1743	2422	0	47.91	0.00	47.91		
Zerda-Kankroli	-65	-126	125	147	0.00	0.54	-0.54		
Zerda-Bhinmal	30	-45	232	132	1.41	0.00	1.41		
Malanpur-Auraiya	-60	-50	0	80	0.00	1.11	-1.11		
Badod-Kota/Morak	0	-85	44	84	0.00	0.91	-0.91		
Mundra-Mohindergarh(HVDC)	2298	2101	2310	0	53.17	0.00	53.17		
Vindhychal - Rihand	0	0	0	0	0.00	0.00	0.00		
<b>Sub Total WR</b>	<b>4705</b>	<b>4038</b>			<b>114.04</b>	<b>2.56</b>	<b>111.48</b>		
Pusauli Bypass	425	425	425	0	10.25	0.00	10.25		
MZP- GKP (D/C)	70	100	390	0	3.81	0.00	3.81		
Patna-Balia(D/C)	484	760	1000	0	19.03	0.00	19.03		
B'Sharif-Balia (D/C)	228	221	478	0	7.43	0.00	7.43		
Pusauli-Balia	0	0	0	0	0.00	0.00	0.00		
Gaya-Fatehpur (765 Kv)	180	144	427	0	6.01	0.00	6.01		
Pusauli-Sahupuri	109	67	154	0	2.55	0.00	2.55		
K'nasa-Sahupuri	0	0	0	0	0.00	0.48	-0.48		
Son Ngr-Rihand	-40	-40	0	44	0.00	0.93	-0.93		
Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00		
Sasaram - Fatehpur(765 KV)	-119	-112	160	171	0.00	0.77	-0.77		
<b>Sub Total ER</b>	<b>1337</b>	<b>1565</b>			<b>49.08</b>	<b>2.17</b>	<b>46.91</b>		
<b>Total IR Exch</b>	<b>6042</b>	<b>5603</b>			<b>163.12</b>	<b>4.73</b>	<b>158.39</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
26.50	2.55	29.05	10.40	-8.59	7.92	30.70	5.89	-5.89

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
53.25	98.67	151.92	46.91	111.48	158.39	-6.34	12.81	6.47

**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	0.63	6.96	28.72	64.99	56.24	10.73	4.32	0.07	NA

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	00:00:10	49.63	10:17:20	49.95	0.12	0.10	50.15	0.00

**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	415	03:57	402	12:12	0.0	0.0	0.0	0.0
Gorakhpur	400	415	23:57	396	12:17	0.0	0.0	0.0	0.0
Bareilly	400	424	03:58	402	12:17	0.0	0.0	20.9	0.0
Kanpur	400	422	23:57	407	16:29	0.0	0.0	1.1	0.0
Dadri	400	424	04:00	404	12:17	0.1	0.1	13.7	0.0
Ballabgarh	400	431	04:00	407	12:19	0.0	0.0	50.0	0.2
Bawana	400	428	03:50	408	12:18	0.0	0.0	46.8	0.0
Bassi	400	428	20:58	391	11:19	0.0	0.0	13.2	0.0
Hissar	400	419	20:57	398	12:17	0.0	0.0	0.0	0.0
Moga	400	425	20:58	404	12:16	0.0	0.0	11.3	0.0
Abdullapur	400	424	20:56	396	18:37	0.0	0.0	10.2	0.0
Nalagarh	400	433	20:58	414	12:18	0.0	0.0	64.3	0.7
Kishenpur	400	424	00:00	396	12:18	0.0	0.0	10.3	0.0
Wagoora	400	416	00:00	365	18:59	17.6	53.9	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	23:57	735	12:19	0.0	4.0	0.0	0.0
Balia	765	785	23:57	746	12:19	0.0	0.0	0.0	0.0
Moga	765	803	20:58	763	12:19	0.0	0.0	0.5	0.0
Agra	765	793	04:00	748	12:18	0.0	0.0	0.0	0.0
Bhiwani	765	807	20:59	763	12:19	0.0	0.0	1.9	0.0
Unnao	765	774	23:57	734	12:18	0.0	4.7	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	499.03	1053.16	503.55	1245.57	0.00	381.99
Pong	426.72	384.05	406.54	388.64	413.07	600.05	71.22	384.94
Tehri	829.79	740.04	812.30	848.00	815.25	907.26	47.19	173.00
Koteshwar	612.50	598.50	610.35	4.69	609.75	4.44	173.00	169.00
Chamera-I	760.00	748.75	759.10	0.00	0.00	0.00	41.31	34.28
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	507.36	2.54	512.28	2.32	53.54	144.47

\* NA: Not Available

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

State	Off- Peak Hours (03:00 Hrs)			Peak Hours (19:00 Hrs)			Day Energy (MU)		
	Bilateral (MW)	IEX (MW)	PXIL (MW)	Bilateral (MW)	IEX (MW)	PXIL (MW)	Bilateral (MU)	IEX / PXIL (MU)	Total (MU)
Punjab	-418	60	0	-438	2	0	-11.11	0.71	-10.40
Delhi	-902	-31	-31	-546	561	-10	-14.04	7.55	-6.49
Haryana	-895	151	0	-721	73	0	-21.48	2.43	-19.04
HP	475	-31	0	446	0	0	11.78	-2.32	9.46
J&K	602	67	0	407	220	0	11.50	3.38	14.88
CHD	-31	0	0	0	0	0	-0.25	0.76	0.51
Rajasthan	847	530	2	847	56	2	21.13	15.94	37.07
UP	72	0	0	115	0	0	0.87	0.00	0.87
Uttarakhand	213	293	49	213	514	47	5.12	11.68	16.80
<b>Total</b>	<b>-36</b>	<b>1040</b>	<b>20</b>	<b>323</b>	<b>1426</b>	<b>39</b>	<b>3.53</b>	<b>40.13</b>	<b>43.65</b>

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-418	-513	221	0	0	0
Delhi	-246	-902	824	-31	-10	-31
Haryana	-487	-1045	152	47	0	0
HP	520	426	10	-540	0	0
J&K	602	407	237	26	0	0
CHD	0	-31	59	0	0	0
Rajasthan	983	847	1206	-292	2	2
UP	126	-139	0	0	0	0
Uttarakhand	213	213	548	274	49	30

**XI. System Constraints:****XII. Grid Disturbance / Any Other Significant Event:****XIII. Weather Conditions For 24.12.2014 :**

Light Fog

**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 :**