

# पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पॉवरसिस्ट की पूर्ण स्वामित्व प्राप्त महासक कंपनी)



## उत्तरी क्षेत्रीय भार प्रेषण केंद्र

**Power Supply Position in Northern Region for 23.12.2014**  
Date of Reporting : 24.12.2014

### I. Regional Availability/Demand:

Demand Met	Evening Peak (19:00 Hrs) MW			Off Peak (03:00 Hrs) MW			Day Energy (Net MU)		
	Shortage	Requirement	Freq* (Hz)	Demand Met	Shortage	Requirement	Freq* (Hz)	Demand Met	Shortage
39062	3089	42151	0.00	28885	588	29473	0.00	814.5	62.86

\* 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	53.19	9.31		62.50	36.10	35.93	-0.17	98.43	0.00
Haryana	55.80	0.47		56.27	58.13	59.03	0.90	115.30	0.47
Rajasthan	113.00	4.42	5.83	123.24	78.70	80.97	2.28	204.21	0.00
Delhi	21.51			21.51	48.63	48.19	-0.44	69.69	0.00
UP	134.30	5.00		139.30	77.97	78.76	0.79	218.06	53.77
Uttarakhand		6.79		6.79	26.92	28.55	1.62	35.34	0.80
HP		4.34		4.34	20.04	20.87	0.83	25.21	0.00
J & K		5.07	0.00	5.07	33.61	39.22	5.62	44.29	7.82
Chandigarh				0.00	3.60	3.99	0.27	3.99	0.00
<b>Total</b>	<b>377.80</b>	<b>35.39</b>	<b>5.83</b>	<b>419.02</b>	<b>383.68</b>	<b>395.50</b>	<b>11.70</b>	<b>814.52</b>	<b>62.86</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	5007	0	-197	-436	3328	0	19	-383	5272
Haryana	5916	515	10	-569	3959	0	100	-897	5916
Rajasthan	9340	0	122	857	7709	0	155	1376	9626
Delhi	3472	0	15	63	1762	0	41	-899	3875
UP	10171	2145	-36	121	8445	200	-489	67	10171
Uttarakhand	1775	75	128	687	1186	0	33	524	1833
HP	1281	20	85	446	691	87	-77	439	1333
J&K	1890	334	155	631	1708	301	131	669	2040
Chandigarh	210	0	26	0	97	0	14	-21	225
<b>Total</b>	<b>39062</b>	<b>3089</b>	<b>308</b>	<b>1800</b>	<b>28885</b>	<b>588</b>	<b>-73</b>	<b>876</b>	<b>39062</b>

\* STOA figures are at sellers boundary & PX figures are at regional boundary. # figures may not be at simultaneous hour.

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### 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	1344	1566	1331	32.56	1357	32.18	0.38
Rihand I STPS (2*500)	1000	858	937	827	21.88	912	20.38	1.50
Rihand II STPS (2*500)	1000	845	1041	934	20.76	865	19.56	1.20
Rihand III STPS (2*500)	1000	892	892	729	21.21	884	20.16	1.05
Dadri I STPS (4*210)	840	615	656	412	13.40	558	12.80	0.59
Dadri II STPS (2*490)	980	980	995	705	21.75	906	21.31	0.44
Unchahar I TPS (2*210)	420	406	440	336	9.75	406	9.16	0.58
Unchahar II TPS (2*210)	420	406	448	285	9.50	396	8.82	0.67
Unchahar III TPS (1*220)	210	202	216	140	4.71	196	4.42	0.29
ISTPP (Jhajhar) (3*500)	1500	800	796	816	18.41	767	19.15	-0.74
Dadri GPS (4*130.19+2*154.51)	830	840	186	168	4.38	182	4.41	-0.03
Anta GPS (3*88.71+1*153.2)	419	426	271	245	6.23	260	6.28	-0.05
Auraiya GPS (4*111.19+2*109.30)	663	668	164	158	3.95	165	3.93	0.02
Dadri Solar	5	1	0	0	0.01	1	0.02	-0.01
Unchahar Solar	10	3	0	0	0.02	1	0.07	-0.05
<b>Sub Total (A)</b>	<b>11297</b>	<b>9286</b>	<b>8598</b>	<b>7086</b>	<b>189</b>	<b>7855</b>	<b>183</b>	<b>6</b>
<b>B. NPC</b>								
NAPS (2*220)	440	316	361	357	7.67	319	7.59	0.08
RAPS- B (2*220)	440	253	232	232	5.06	211	6.07	-1.01
RAPS- C (2*220)	440	220	234	239	5.08	212	5.28	-0.20
<b>Sub Total (B)</b>	<b>1320</b>	<b>789</b>	<b>827</b>	<b>828</b>	<b>17.81</b>	<b>742</b>	<b>18.94</b>	<b>-1.13</b>
<b>C. NHPC</b>								
Chamera I HPS (3*180)	540	356	168	0	1.29	54	1.20	0.09
Chamera II HPS (3*100)	300	300	204	0	1.16	48	1.10	0.06
Chamera III HPS (3*77)	231	154	155	0	0.71	30	0.65	0.06
Bairasuli HPS(3*60)	180	179	181	0	0.49	21	0.44	0.05
Salal-HPS (6*115)	690	115	230	120	2.91	121	2.76	0.15
Tanakpur-HPS (3*40)	94	29	45	29	0.74	31	0.69	0.05
Uri-I HPS (4*120)	480	121	203	122	3.08	128	2.90	0.18
Uri-II HPS (4*60)	240	0	0	0	0.00	0	0.00	0.00
Dhauliganga-HPS (4*70)	280	139	140	0	0.95	40	0.85	0.10
Dulhasti-HPS (3*130)	390	387	401	0	2.86	119	2.70	0.16
Sewa-II HPS (3*40)	120	119	122	0	0.36	15	0.36	0.00
Parbati 3 (4*130)	520	0	0	0	0.00	0	0.00	0.00
<b>Sub Total (C)</b>	<b>4065</b>	<b>1898</b>	<b>1849</b>	<b>271</b>	<b>15</b>	<b>606</b>	<b>14</b>	<b>1</b>
<b>D.SJVNL</b>								
NJPC (6*250)	1500	1605	1143	0	6.91	288	6.59	0.32
Rampur HEP (4*68.67)	275	420	343	0	1.98	83	1.84	0.14
<b>Sub Total (D)</b>	<b>1775</b>	<b>2025</b>	<b>1486</b>	<b>0</b>	<b>8.89</b>	<b>370</b>	<b>8.42</b>	<b>0.46</b>
<b>E. THDC</b>								
Tehri HPS (4*250)	1000	961	960	0	7.32	305	7.20	0.12
Koteshwar HPS (4*100)	400	104	201	91	2.55	106	2.50	0.05
<b>Sub Total (E)</b>	<b>1400</b>	<b>1064</b>	<b>1161</b>	<b>91</b>	<b>9.87</b>	<b>411</b>	<b>9.70</b>	<b>0.17</b>
<b>F. BBMB</b>								
Bhakra HPS (3*108+2*126+6*157)	1514	560	1058	350	13.75	573	13.44	0.31
Dehar HPS (6*165)	990	141	165	0	3.34	139	3.38	-0.04
Pong HPS (6*66)	396	236	384	60	5.70	237	5.66	0.03
<b>Sub Total (F)</b>	<b>2900</b>	<b>937</b>	<b>1607</b>	<b>410</b>	<b>22.79</b>	<b>949</b>	<b>22.48</b>	<b>0.31</b>
<b>G. IPP(s)/JV(s)</b>								
ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	72	0	0.51	21	0.49	0.01
KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	622	0	3.91	163	3.60	0.31
Malana Stg-II HPS (2*50)	100	0	0	0	0.02	1	0.08	-0.06
Shree Cement TPS (2*150)	300	0	278	207	6.21	259	6.24	-0.02
Budhil HPS(IPP)	70	0	32	0	0.14	6	0.14	0.00
<b>Sub Total (G)</b>	<b>1662</b>	<b>0</b>	<b>1004</b>	<b>207</b>	<b>10.80</b>	<b>450</b>	<b>10.55</b>	<b>0.25</b>
<b>H. Total Regional Entities (A-G)</b>	<b>24419</b>	<b>16000</b>	<b>16532</b>	<b>8893</b>	<b>273.21</b>	<b>11384</b>	<b>266.38</b>	<b>6.82</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	1045	860	21.13	881
	Guru Nanak Dev TPS(Bhatinda) (4*110)	440	120	115	2.48	103
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	357	394	7.22	301
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	459	359	12.32	513
	Talwandi Saboo (1*660)	660	449	348	10.05	419
	<b>Thermal (Total)</b>	<b>4680</b>	<b>2430</b>	<b>2076</b>	<b>53.19</b>	<b>2216</b>
	Total Hydro	1148	512	225	9.31	388
<b>Total Punjab</b>	<b>5828</b>	<b>2942</b>	<b>2301</b>	<b>62.50</b>	<b>2604</b>	
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	725	659	16.41	684
	DCRTPP (Yamuna nagar) (2*300)	600	252	242	6.14	256
	Faridabad GPS (NTPC)	432	377	205	5.99	250
	RGTPP (khedar) (IPP) (2*600)	1200	582	366	13.52	563
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	624	379	13.75	573
	<b>Thermal (Total)</b>	<b>4944</b>	<b>2560</b>	<b>1851</b>	<b>55.80</b>	<b>2325</b>
	Total Hydro	62	16	17	0.47	20
	<b>Total Haryana</b>	<b>5006</b>	<b>2576</b>	<b>1868</b>	<b>56.27</b>	<b>2345</b>
	Rajasthan	kota TPS (2*110+2*195+3*210)	1240	1016	947	23.80
suratgarh TPS (6*250)		1500	1322	1157	29.94	1247
Chabra TPS (3*250)		750	551	561	14.84	618
Dholpur GPS (3*110)		330	0	0	0.00	0
Ramgarh GPS (1*3 + 1*35.5 +2*37.5 +1*110 +1*50)		271	196	189	5.31	221
RAPS A (NPC) (1*100+1*200)		300	146	151	4.10	171
Barsingsar (NLC) (2*125)		250	188	188	4.39	183
Giral LTPS (2*125)		250	85	70	1.56	65
Rajwest LTPS (IPP) (8*135)		1080	732	592	16.93	706
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	577	440	12.14	506
<b>Thermal (Total)</b>		<b>8026</b>	<b>4813</b>	<b>4295</b>	<b>113</b>	<b>4708</b>
Total Hydro		550	271	93	4.42	184
Wind power		2798	266	258	4.82	201
Biomass		99	37	37	0.89	37
Solar		730	1	0	0.12	5
Renewable/Others (Total)		3627	304	295	5.83	243
<b>Total Rajasthan</b>		<b>12203</b>	<b>5388</b>	<b>4683</b>	<b>123.24</b>	<b>5135</b>
UP		Anpara TPS (3*210+2*500)	1630	899	1362	24.30
	Obra TPS (2*50+2*94+5*200)	1194	227	339	6.10	254
	Paricha TPS (2*110+2*220+2*250)	1140	771	759	17.80	742
	Panki TPS (2*105)	210	68	108	2.20	92
	Harduaganj TPS (1*60+1*105+2*250)	665	256	242	6.80	283
	Tanda TPS (NTPC) (4*110)	440	284	250	6.80	283
	Roza TPS (IPP) (4*300)	1200	1067	756	22.60	942
	Anpara-C (IPP) (2*600)	1200	1029	999	23.10	963
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	321	0	5.40	225
	<b>Thermal (Total)</b>	<b>8129</b>	<b>4922</b>	<b>4815</b>	<b>115.10</b>	<b>4796</b>
	Vishnuparyag HPS (IPP)	400	83	82	2.00	83
	Other Hydro	527	163	54	3.00	125
	Cogeneration	981	800	800	19.20	800
	<b>Total UP</b>	<b>10037</b>	<b>5968</b>	<b>5751</b>	<b>139.30</b>	<b>5721</b>
	Uttarakhand	Total Hydro	1398	395	187	6.79
<b>Total Uttarakhand</b>		<b>1398</b>	<b>395</b>	<b>187</b>	<b>6.79</b>	<b>283</b>
Delhi	Raighat TPS (2*67.5)	135	0	0	-0.01	0
	Delhi Gas Turbine (6x30 + 3x34)	282	77	78	1.97	82
	Pragati Gas Turbine (2x104+ 1x122)	330	266	264	6.16	257
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (6*250)	1370	287	295	7.82	326
	Badarpur TPS (NTPC) (3*95+2*210)	705	318	335	5.58	232
	<b>Thermal (Total)</b>	<b>2917</b>	<b>948</b>	<b>972</b>	<b>21.51</b>	<b>896</b>
<b>Total Delhi</b>	<b>2917</b>	<b>948</b>	<b>972</b>	<b>21.51</b>	<b>896</b>	
HP	Baspa HPS (IPP) (2*150)	300	63	0	1.00	42
	Malana HPS (IPP) (2*43)	86	0	0	0.18	7
	Other Hydro	728	148	67	3.16	132
	<b>Total HP</b>	<b>1114</b>	<b>211</b>	<b>67</b>	<b>4.34</b>	<b>181</b>
J & K	Baqilhar HPS (IPP) (3*150)	450	270	120	3.78	158
	Other Hydro/IPP	436	68	46	1.29	54
	Gas/Diesel/Others	209	0	0	0.00	0
	<b>Total J &amp; K</b>	<b>1094</b>	<b>338</b>	<b>166</b>	<b>5.07</b>	<b>211</b>
<b>Total State Control Area Generation</b>		<b>39597</b>	<b>18766</b>	<b>15995</b>	<b>419.02</b>	<b>17376</b>
<b>J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]</b>			<b>5889</b>	<b>5661</b>	<b>155.39</b>	<b>6475</b>
<b>Total Regional Availability(Gross)</b>		<b>64017</b>	<b>41187</b>	<b>30549</b>	<b>847.62</b>	<b>35234</b>

#### IV. Total Hydro Generation:

Regional Entities Hydro	11432	6797	772	60.53	2522
State Control Area Hydro	5684	1906	809	35.39	1391
<b>Total Regional Hydro</b>	<b>17116</b>	<b>8703</b>	<b>1581</b>	<b>95.92</b>	<b>3913</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	
Vindhychal B/B	500	500	500	0	10.53	0.00	10.53
Gwalior-Agra (D/C)	1805	1756	2222	0	48.13	0.00	48.13
Zerda-Kankroli	-14	-121	59	126	0.00	1.11	-1.11
Zerda-Bhinmal	61	-25	206	97	0.81	0.00	0.81
Malanpur-Auraiya	-45	-40	0	85	0.00	1.11	-1.11
Badod-Kota/Morak	43	-56	66	72	0.00	0.72	-0.72
Mundra-Mohindergarh(HVDC)	1997	2297	2307	0	53.43	0.00	53.43
Vindhychal - Rihand	0	0	0	0	0.00	0.00	0.00
<b>Sub Total WR</b>	<b>4347</b>	<b>4311</b>			<b>112.90</b>	<b>2.94</b>	<b>109.96</b>
Pusauli Bypass	425	425	425	0	10.28	0.00	10.28
MZP- GKP (D/C)	130	180	408	0	5.16	0.00	5.16
Patna-Balia(D/C)	740	590	935	0	18.56	0.00	18.56
B'Sharif-Balia (D/C)	50	-27	300	83	2.99	0.00	2.99
Pusauli-Balia	0	0	0	0	0.00	0.00	0.00
Gaya-Fatehpur (765 Kv)	241	171	504	0	7.40	0.00	7.40
Pusauli-Sahupuri	118	120	147	0	2.19	0.00	2.19
K'nasa-Sahupuri	0	0	0	0	0.00	0.48	-0.48
Son Ngr-Rihand	-30	-40	0	43	0.00	0.87	-0.87
Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
Sasaram - Fatehpur(765 KV)	-132	-69	156	165	0.19	0.00	0.19
<b>Sub Total ER</b>	<b>1542</b>	<b>1350</b>			<b>46.78</b>	<b>1.35</b>	<b>45.43</b>
<b>Total IR Exch</b>	<b>5889</b>	<b>5661</b>			<b>159.68</b>	<b>4.29</b>	<b>155.39</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
28.45	0.43	28.88	8.44	-8.58	7.06	26.04	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
50.27	91.10	141.37	45.43	109.96	155.39	-4.84	18.86	14.02

**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	1.46	9.33	28.75	60.83	51.90	11.86	7.74	0.17	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				
50.22	22:59:00	49.55	09:09:00	49.96	0.14	0.11	0.00	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	499.21	1064.89	503.70	1258.87	128.53	374.97
Pong	426.72	384.05	406.70	388.64	413.21	611.20	66.69	386.44
Tehri	829.79	740.04	812.60	854.27	815.50	912.25	47.30	168.00
Koteshwar	612.50	598.50	610.10	4.44	609.80	4.44	168.00	169.00
Chamera-I	760.00	748.75	759.02	0.00	0.00	0.00	34.49	34.59
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	507.53	3.11	512.33	2.24	61.78	115.60

\* 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	35	0	-438	2	0	-11.11	0.59	-10.52
Delhi	-902	33	-31	-546	608	0	-14.04	9.15	-4.89
Haryana	-1044	148	0	-639	70	0	-23.42	2.47	-20.95
HP	475	-36	0	446	0	0	11.78	-2.46	9.32
J&K	602	67	0	411	220	0	11.52	2.89	14.41
CHD	-31	10	0	0	0	0	-0.25	0.57	0.32
Rajasthan	847	528	2	847	9	2	21.13	10.59	31.72
UP	67	0	0	121	0	0	0.87	0.00	0.87
Uttarakhand	213	273	38	213	446	27	5.12	10.96	16.08
<b>Total</b>	<b>-190</b>	<b>1057</b>	<b>9</b>	<b>415</b>	<b>1356</b>	<b>29</b>	<b>1.60</b>	<b>34.76</b>	<b>36.37</b>

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-418	-513	217	0	0	0
Delhi	-246	-902	920	10	0	-31
Haryana	-542	-1146	149	51	0	0
HP	520	426	10	-594	0	0
J&K	602	411	237	-74	0	0
CHD	0	-31	59	0	0	0
Rajasthan	983	847	906	-236	2	0
UP	131	-134	0	0	0	0
Uttarakhand	213	213	551	245	49	27

**XI. System Constraints:****XII. Grid Disturbance / Any Other Significant Event:****XIII. Weather Conditions For 23.12.2014 :**

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 :**