

# पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पावरसिड की पूर्ण स्वामित्व प्राप्त महायक कंपनी)



## उत्तरी क्षेत्रीय भार प्रेषण केंद्र

Power Supply Position in Northern Region for 11.01.2015  
Date of Reporting : 12.01.2015

### 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
38926	1319	40245	50.09	30308	783	31091	50.24	831.3	48.10

\* 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	42.51	5.92		48.43	43.90	44.98	1.09	93.41	0.00
Haryana	71.29	0.42		71.70	50.55	49.39	-1.16	121.10	0.00
Rajasthan	120.24	5.05	7.99	133.27	77.41	82.16	4.75	215.43	0.00
Delhi	20.80			20.80	40.54	41.05	0.51	61.85	0.03
UP	148.00	5.00		153.00	81.21	80.20	-1.02	233.20	40.15
Uttarakhand		10.38		10.38	24.74	25.20	0.46	35.58	0.46
HP		4.40		4.40	20.01	19.87	-0.14	24.26	0.00
J & K		4.40	0.00	4.40	35.91	38.18	2.27	42.58	7.46
Chandigarh				0.00	3.50	3.89	0.27	3.89	0.00
<b>Total</b>	<b>402.83</b>	<b>35.56</b>	<b>7.99</b>	<b>446.38</b>	<b>377.77</b>	<b>384.92</b>	<b>7.03</b>	<b>831.29</b>	<b>48.10</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	4785	0	-7	-217	3044	0	124	-166	5064
Haryana	5895	0	-317	-872	3692	0	-3	-815	5895
Rajasthan	9077	0	16	896	8244	0	141	1077	10206
Delhi	3169	0	-66	-334	1603	4	74	-1052	3871
UP	11025	945	-262	57	9879	470	-164	58	11025
Uttarakhand	1745	40	7	705	1192	0	69	450	1772
HP	1135	0	-133	341	803	0	-6	445	1294
J&K	1895	334	6	619	1753	309	133	681	1930
Chandigarh	200	0	3	0	98	0	10	-31	214
<b>Total</b>	<b>38926</b>	<b>1319</b>	<b>-753</b>	<b>1195</b>	<b>30308</b>	<b>783</b>	<b>378</b>	<b>647</b>	<b>38926</b>

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

# figures may not be at simultaneous hour.

Diversity is 1.06

### 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	1335	1569	1455	37.20	1550	32.03	5.17
Rihand I STPS (2*500)	1000	892	454	883	15.90	662	21.37	-5.48
Rihand II STPS (2*500)	1000	902	970	793	22.04	918	21.53	0.51
Rihand III STPS (2*500)	1000	963	1002	746	22.46	936	22.83	-0.37
Dadri I STPS (4*210)	840	615	599	404	15.76	657	12.36	3.40
Dadri II STPS (2*490)	980	980	931	661	20.30	846	18.64	1.66
Unchahar I TPS (2*210)	420	405	413	325	9.31	388	9.50	-0.19
Unchahar II TPS (2*210)	420	405	417	300	9.03	376	9.16	-0.14
Unchahar III TPS (1*220)	210	202	206	140	4.47	186	4.53	-0.06
ISTPP (Jhajjar) (3*500)	1500	1000	1210	881	21.04	877	16.39	4.65
Dadri GPS (4*130.19+2*154.51)	830	848	411	408	9.17	382	8.45	0.72
Anta GPS (3*88.71+1*153.2)	419	431	259	198	6.07	253	6.09	-0.02
Auraiya GPS (4*111.19+2*109.30)	663	678	170	177	4.11	171	3.92	0.19
Dadri Solar	5	1	0	0	0.02	1	0.02	-0.01
Unchahar Solar	10	3	0	0	0.00	0	0.07	-0.07
Singrauli Solar	15	0	0	0	0.00	0	0	0.00
<b>Sub Total (A)</b>	<b>11312</b>	<b>9659</b>	<b>8611</b>	<b>7371</b>	<b>197</b>	<b>8203</b>	<b>187</b>	<b>10</b>
<b>B. NPC</b>								
NAPS (2*220)	440	368	413	421	9.10	379	8.83	0.27
RAPS- B (2*220)	440	413	434	436	9.43	393	9.91	-0.48
RAPS- C (2*220)	440	215	236	236	5.03	210	5.16	-0.13
<b>Sub Total (B)</b>	<b>1320</b>	<b>996</b>	<b>1083</b>	<b>1093</b>	<b>23.57</b>	<b>982</b>	<b>23.90</b>	<b>-0.34</b>
<b>C. NHPC</b>								
Chamera I HPS (3*180)	540	356	546	0	1.69	70	1.60	0.08
Chamera II HPS (3*100)	300	300	304	0	1.10	46	0.95	0.15
Chamera III HPS (3*77)	231	154	157	0	0.59	25	0.55	0.04
Bairasuli HPS(3*60)	180	179	124	0	0.41	17	0.37	0.04
Salal-HPS (6*115)	690	80	220	64	2.22	93	1.92	0.30
Tanakpur-HPS (3*40)	94	28	31	33	0.74	31	0.66	0.08
Uri-I HPS (4*120)	480	101	210	20	2.53	105	2.42	0.11
Uri-II HPS (4*60)	240	0	0	0	0.00	0	0.00	0.00
Dhauliganga-HPS (4*70)	280	139	139	0	0.97	41	0.80	0.17
Dulhasti-HPS (3*130)	390	258	269	0	2.80	117	2.70	0.10
Sewa-II HPS (3*40)	120	119	81	0	0.25	10	0.36	-0.11
Parbati 3 (4*130)	520	0	0	0	0.00	0	0.00	0.00
<b>Sub Total (C)</b>	<b>4065</b>	<b>1713</b>	<b>2081</b>	<b>117</b>	<b>13</b>	<b>554</b>	<b>12</b>	<b>1</b>
<b>D. SJVNL</b>								
NJPC (6*250)	1500	1605	1340	0	5.93	247	6.21	-0.28
Rampur HEP (4*68.67)	275	370	296	0	1.48	62	1.63	-0.15
<b>Sub Total (D)</b>	<b>1775</b>	<b>1975</b>	<b>1636</b>	<b>0</b>	<b>7.40</b>	<b>308</b>	<b>7.83</b>	<b>-0.43</b>
<b>E. THDC</b>								
Tehri HPS (4*250)	1000	1004	1000	0	9.17	382	7.80	1.37
Koteshwar HPS (4*100)	400	116	294	90	3.25	136	2.80	0.45
<b>Sub Total (E)</b>	<b>1400</b>	<b>1120</b>	<b>1294</b>	<b>90</b>	<b>12.43</b>	<b>518</b>	<b>10.60</b>	<b>1.83</b>
<b>F. BBMB</b>								
Bhakra HPS (3*108+2*126+6*157)	1514	576	1092	338	12.12	505	13.81	-1.69
Dehar HPS (6*165)	990	116	330	0	3.32	138	2.79	0.53
Pong HPS (6*66)	396	160	252	0	3.12	130	3.84	-0.72
<b>Sub Total (F)</b>	<b>2900</b>	<b>852</b>	<b>1674</b>	<b>338</b>	<b>18.56</b>	<b>773</b>	<b>20.45</b>	<b>-1.89</b>
<b>G. IPP(s)/JV(s)</b>								
ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	21	0	0.34	14	0.40	-0.07
KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	560	0	3.25	135	3.21	0.04
Malana Stg-II HPS (2*50)	100	0	0	0	0.00	0	0.00	0.00
Shree Cement TPS (2*150)	300	0	278	152	5.66	236	2.59	3.07
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>859</b>	<b>152</b>	<b>9.24</b>	<b>385</b>	<b>6.20</b>	<b>3.04</b>
<b>H. Total Regional Entities (A-G)</b>	<b>24434</b>	<b>16315</b>	<b>17237</b>	<b>9161</b>	<b>281.37</b>	<b>11724</b>	<b>268.20</b>	<b>13.16</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	500	500	12.16	507
	Guru Nanak Dev TPS(Bhatinda) (4*110)	440	110	80	2.21	92
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	460	362	9.36	390
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	490	353	10.49	437
	Talwandi Saboo (1*660)	660	347	348	8.30	346
	<b>Thermal (Total)</b>	<b>4680</b>	<b>1907</b>	<b>1643</b>	<b>42.51</b>	<b>1771</b>
	Total Hydro	1148	365	59	5.92	247
<b>Total Punjab</b>	<b>5828</b>	<b>2272</b>	<b>1702</b>	<b>48.43</b>	<b>2018</b>	
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	667	607	15.05	627
	DCRTPP (Yamuna nagar) (2*300)	600	524	480	11.88	495
	Faridabad GPS (NTPC)	432	420	298	9.24	385
	RGTPP (khedar) (IPP) (2*600)	1200	1162	752	22.22	926
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	625	378	12.90	537
	<b>Thermal (Total)</b>	<b>4944</b>	<b>3398</b>	<b>2515</b>	<b>71.29</b>	<b>2970</b>
	Total Hydro	62	11	13	0.42	17
	<b>Total Haryana</b>	<b>5006</b>	<b>3409</b>	<b>2528</b>	<b>71.70</b>	<b>2988</b>
	Rajasthan	kota TPS (2*110+2*195+3*210)	1240	1095	996	25.77
suratgarh TPS (6*250)		1500	1308	1135	29.80	1242
Chabra TPS (3*250)		750	664	582	15.06	627
Dholpur GPS (3*110)		330	114	113	2.79	116
Ramgarh GPS (1*3 + 1*35.5 +2*37.5 +1*110 +1*50)		271	126	161	3.46	144
RAPS A (NPC) (1*100+1*200)		300	0	0	0.00	0
Barsingsar (NLC) (2*125)		250	188	188	4.32	180
Giral LTPS (2*125)		250	0	0	0.00	0
Rajwest LTPS (IPP) (8*135)		1080	853	445	16.67	694
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	815	22.38	933
<b>Thermal (Total)</b>		<b>8026</b>	<b>5354</b>	<b>4435</b>	<b>120</b>	<b>5010</b>
Total Hydro		550	169	93	5.05	210
Wind power		2798	396	565	7.66	319
Biomass		99	9	9	0.22	9
Solar		730	1	0	0.10	4
Renewable/Others (Total)		3627	406	574	7.99	333
<b>Total Rajasthan</b>		<b>12203</b>	<b>5929</b>	<b>5102</b>	<b>133.27</b>	<b>5553</b>
UP	Anpara TPS (3*210+2*500)	1630	1367	1382	32.40	1350
	Obra TPS (2*50+2*94+5*200)	1194	355	344	8.30	346
	Paricha TPS (2*110+2*220+2*250)	1140	776	704	17.50	729
	Panki TPS (2*105)	210	45	77	1.00	42
	Harduaganj TPS (1*60+1*105+2*250)	665	230	231	5.50	229
	Tanda TPS (NTPC) (4*110)	440	362	300	8.60	358
	Roza TPS (IPP) (4*300)	1200	914	774	21.90	913
	Anpara-C (IPP) (2*600)	1200	1076	1382	25.60	1067
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	401	280	8.00	333
	<b>Thermal (Total)</b>	<b>8129</b>	<b>5526</b>	<b>5474</b>	<b>128.80</b>	<b>5367</b>
	Vishnuparyag HPS (IPP)	400	73	74	1.70	71
	Other Hydro	527	140	52	3.30	138
	Cogeneration	981	800	800	19.20	800
	<b>Total UP</b>	<b>10037</b>	<b>6539</b>	<b>6400</b>	<b>153.00</b>	<b>6304</b>
	Uttarakhand	Total Hydro	1398	614	350	10.38
<b>Total Uttarakhand</b>		<b>1398</b>	<b>614</b>	<b>350</b>	<b>10.38</b>	<b>432</b>
Delhi	Raighat TPS (2*67.5)	135	42	40	0.96	40
	Delhi Gas Turbine (6x30 + 3x34)	282	162	161	3.85	161
	Pragati Gas Turbine (2x104+ 1x122)	330	0	0	0.00	0
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (6*250)	1370	313	290	7.39	308
	Badarpur TPS (NTPC) (3*95+2*210)	705	394	334	8.60	358
	<b>Thermal (Total)</b>	<b>2917</b>	<b>911</b>	<b>825</b>	<b>20.80</b>	<b>867</b>
<b>Total Delhi</b>	<b>2917</b>	<b>911</b>	<b>825</b>	<b>20.80</b>	<b>867</b>	
HP	Baspa HPS (IPP) (2*150)	300	0	0	0.99	41
	Malana HPS (IPP) (2*43)	86	0	0	0.20	8
	Other Hydro	728	195	76	3.21	134
	<b>Total HP</b>	<b>1114</b>	<b>195</b>	<b>76</b>	<b>4.40</b>	<b>183</b>
J & K	Baqilhar HPS (IPP) (3*150)	450	150	120	3.27	136
	Other Hydro/IPP	436	79	20	1.14	47
	Gas/Diesel/Others	209	0	0	0.00	0
	<b>Total J &amp; K</b>	<b>1094</b>	<b>229</b>	<b>140</b>	<b>4.40</b>	<b>183</b>
<b>Total State Control Area Generation</b>		<b>39597</b>	<b>20098</b>	<b>17123</b>	<b>446.38</b>	<b>18528</b>
<b>J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]</b>			<b>4266</b>	<b>3601</b>	<b>116.00</b>	<b>4833</b>
<b>Total Regional Availability(Gross)</b>		<b>64032</b>	<b>41601</b>	<b>29885</b>	<b>843.74</b>	<b>35085</b>

#### IV. Total Hydro Generation:

Regional Entities Hydro	11432	7265	546	55.27	2303
State Control Area Hydro	5684	1723	783	35.56	1411
<b>Total Regional Hydro</b>	<b>17116</b>	<b>8988</b>	<b>1329</b>	<b>90.83</b>	<b>3714</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	
Vindhyachal B/B	50	-100	100	100	0.87	0.73	0.14
Gwalior-Agra (D/C)	870	1282	1883	0	33.55	0.00	33.55
Zerda-Kankroli	-128	-44	111	146	0.00	0.67	-0.67
Zerda-Bhinmal	-45	54	300	86	1.41	0.00	1.41
Malanpur-Auraiya	-75	-70	0	110	0.00	2.19	-2.19
Badod-Kota/Morak	-18	-13	53	75	0.00	0.71	-0.71
Mundra-Mohindergarh(HVDC)	2002	1501	2102	0	45.45	0.00	45.45
Vindhyachal - Rihand	398	279	500	0	8.83	0.00	8.83
<b>Sub Total WR</b>	<b>3054</b>	<b>2889</b>			<b>90.11</b>	<b>4.30</b>	<b>85.81</b>
Pusauli Bypass	100	100	100	0	2.45	0.00	2.45
MZP- GKP (D/C)	23	-10	186	191	0.56	0.00	0.56
Patna-Balia(D/C)	715	538	802	0	16.61	0.00	16.61
B'Sharif-Balia (D/C)	-18	-124	112	156	0.00	1.32	-1.32
Pusauli-Balia	0	-37	40	69	0.00	0.20	-0.20
Gaya-Fatehpur (765 Kv)	262	164	517	0	7.43	0.00	7.43
Pusauli-Sahupuri	122	124	158	0	3.06	0.00	3.06
K'nasa-Sahupuri	0	0	0	0	0.00	0.00	0.00
Son Ngr-Rihand	-43	-25	0	43	0.00	0.81	-0.81
Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
Sasaram - Fatehpur(765 KV)	51	-18	303	42	2.39	0.00	2.39
<b>Sub Total ER</b>	<b>1212</b>	<b>712</b>			<b>32.50</b>	<b>2.32</b>	<b>30.18</b>
<b>Total IR Exch</b>	<b>4266</b>	<b>3601</b>			<b>122.61</b>	<b>6.62</b>	<b>116.00</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
29.48	0.29	29.78	12.87	-5.58	8.84	16.39	1.46	-1.46

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
52.95	84.18	137.13	30.18	85.81	116.00	-22.77	1.63	-21.14

**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	0.30	4.75	35.48	55.79	23.44	11.17	4.85	NA

←----- Frequency (Hz) ----->				Average Frequency	Frequency Variation Index	Std. Dev.	Frequency in 15 Min Block	
Maximum		Minimum					MAX	MIN
Freq	Time	Freq	Time	Hz	(Hz)	(Hz)		
50.41	18:03:00	49.75	22:08:00	50.03	0.09	0.09	50.36	49.95

**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	407	03:06	399	10:24	0.0	0.0	0.0	0.0
Gorakhpur	400	411	03:24	392	10:07	0.0	0.0	0.0	0.0
Bareilly	400	420	00:00	391	14:43	0.0	0.0	0.0	0.0
Kanpur	400	422	00:00	401	10:08	0.0	0.0	1.7	0.0
Dadri	400	420	01:56	400	10:11	0.0	0.0	0.0	0.0
Ballabgarh	400	427	02:01	405	10:05	0.0	0.0	25.9	0.0
Bawana	400	426	02:01	407	10:11	0.0	0.0	24.3	0.0
Bassi	400	427	05:01	400	07:36	0.0	0.0	19.5	0.0
Hissar	400	416	02:01	396	11:17	0.0	0.0	0.0	0.0
Moga	400	422	01:27	400	11:17	0.0	0.0	5.2	0.0
Abdullapur	400	425	00:01	396	05:37	0.0	0.0	11.8	0.0
Nalagarh	400	428	02:08	392	11:13	0.0	0.0	36.7	0.0
Kishenpur	400	416	01:38	392	11:10	0.0	0.0	0.0	0.0
Wagoora	400	389	04:27	365	15:07	66.5	100.0	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	785	00:02	741	07:26	0.0	0.2	0.0	0.0
Balia	765	779	02:03	746	10:08	0.0	0.0	0.0	0.0
Moga	765	0	00:00	9999	00:00	0.0	0.0	0.0	0.0
Agra	765	795	00:00	754	10:09	0.0	0.0	0.0	0.0
Bhiwani	765	800	20:59	772	14:20	0.0	0.0	0.0	0.0
Unnao	765	768	00:00	730	10:08	0.0	26.9	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	494.96	903.28	498.86	1053.16	136.94	356.03
Pong	426.72	384.05	403.43	304.55	410.12	504.32	69.94	222.68
Tehri	829.79	740.04	804.60	696.77	806.85	740.81	37.46	219.00
Koteshwar	612.50	598.50	608.92	4.44	610.11	4.69	219.00	216.00
Chamera-I	760.00	748.75	759.34	30.00	757.21	23.16	51.35	45.20
Rihand	268.22	252.98	850.50	263.50	854.30	326.40	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	504.00	2.33	510.20	2.77	43.18	89.86

\* 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	-309	142	0	-278	60	0	-6.19	2.70	-3.49
Delhi	-944	-77	-31	-540	233	-26	-11.82	0.76	-11.07
Haryana	-950	135	0	-947	75	0	-23.34	0.62	-22.72
HP	481	-36	0	452	-112	0	12.25	-2.87	9.37
J&K	681	0	0	484	134	0	13.16	2.38	15.54
CHD	-31	0	0	0	0	0	-0.25	0.24	-0.01
Rajasthan	485	591	2	485	410	2	15.45	16.15	31.60
UP	58	0	0	57	0	0	-2.15	0.00	-2.15
Uttarakhand	290	135	26	290	367	48	6.96	7.35	14.31
<b>Total</b>	<b>-238</b>	<b>889</b>	<b>-4</b>	<b>4</b>	<b>1168</b>	<b>24</b>	<b>4.05</b>	<b>27.33</b>	<b>31.38</b>

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-226	-309	294	0	0	0
Delhi	15	-944	320	-195	-21	-31
Haryana	-947	-997	136	-463	0	0
HP	553	428	-21	-573	0	0
J&K	681	436	242	0	0	0
CHD	0	-31	39	0	0	0
Rajasthan	839	485	1200	387	2	2
UP	104	-370	0	0	0	0
Uttarakhand	290	290	454	128	48	0

**XI. System Constraints:****XII. Grid Disturbance / Any Other Significant Event:****XIII. Weather Conditions For 11.01.2015 :**

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 :**