

# पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पावरसिड की पूर्ण स्वामित्व प्राप्त महायक कंपनी)



## उत्तरी क्षेत्रीय भार प्रेषण केंद्र

CIN: U40105DL2009GOI188682

Power Supply Position in Northern Region for 25.01.2015  
Date of Reporting : 26.01.2015

### 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
36722	1384	38105	50.11	28213	296	28508	50.08	778.3	40.81

\* 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	40.50	6.20		46.70	37.36	37.96	0.60	84.66	0.00
Haryana	68.45	0.39		68.84	38.61	36.73	-1.88	105.57	0.00
Rajasthan	104.20	1.87	7.40	113.47	68.65	72.04	3.40	185.51	0.00
Delhi	16.94			16.94	44.31	44.56	0.25	61.51	0.02
UP	152.20	2.60		154.80	81.56	81.22	-0.34	236.02	32.61
Uttarakhand		8.44		8.44	24.28	25.52	1.24	33.96	0.45
HP		3.70		3.70	20.07	19.89	-0.19	23.59	0.00
J & K		4.28	0.00	4.28	37.03	39.50	2.47	43.78	7.73
Chandigarh				0.00	3.68	3.70	0.27	3.70	0.00
<b>Total</b>	<b>382.30</b>	<b>27.47</b>	<b>7.40</b>	<b>417.17</b>	<b>355.57</b>	<b>361.13</b>	<b>5.81</b>	<b>778.29</b>	<b>40.81</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	4347	0	-108	-154	2810	0	15	-292	4804
Haryana	5510	0	-264	-858	3262	0	-82	-912	5541
Rajasthan	8308	0	278	839	6796	0	143	1095	8637
Delhi	2935	0	-184	-147	1637	0	221	-906	3693
UP	10613	995	-199	67	9979	0	52	69	10615
Uttarakhand	1720	40	-104	683	1203	0	99	460	1747
HP	1124	0	-86	358	752	0	61	446	1293
J&K	1975	349	103	739	1675	296	76	694	1995
Chandigarh	190	0	-34	0	98	0	12	-31	204
<b>Total</b>	<b>36722</b>	<b>1384</b>	<b>-598</b>	<b>1526</b>	<b>28213</b>	<b>296</b>	<b>598</b>	<b>623</b>	<b>36722</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 :

Entity	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
A. NTPC	Singrauli STPS (5*200+2*500)	2000	1714	1983	1614	44.14	1839	40.56	3.59
	Rihand I STPS (2*500)	1000	825	870	842	20.47	853	19.12	1.35
	Rihand II STPS (2*500)	1000	900	947	666	20.72	863	19.70	1.01
	Rihand III STPS (2*500)	1000	967	1011	748	21.96	915	20.84	1.12
	Dadri I STPS (4*210)	840	815	647	547	16.72	697	15.99	0.73
	Dadri II STPS (2*490)	980	980	835	719	20.06	836	20.26	-0.20
	Unchahar I TPS (2*210)	420	405	293	314	8.01	334	8.52	-0.51
	Unchahar II TPS (2*210)	420	403	277	295	7.71	321	7.81	-0.10
	Unchahar III TPS (1*220)	210	201	148	149	3.94	164	3.92	0.02
	ISTPP (Jhajhar) (3*500)	1500	1500	613	607	14.50	604	16.25	-1.74
	Dadri GPS (4*130.19+2*154.51)	830	848	207	202	4.86	202	4.85	0.01
	Anta GPS (3*88.71+1*1153.2)	419	426	234	201	5.59	233	5.59	0.00
	Auraiya GPS (4*111.19+2*109.30)	663	680	167	161	3.95	164	3.90	0.05
	Dadri Solar	5	1	0	0	0.01	0	0.02	-0.01
	Unchahar Solar	10	3	0	0	0.01	0	0.07	-0.06
	Singrauli Solar	15	2	0	0	0.00	0	0	-0.05
<b>Sub Total (A)</b>	<b>11312</b>	<b>10669</b>	<b>8232</b>	<b>7065</b>	<b>193</b>	<b>8027</b>	<b>187</b>	<b>5</b>	
B. NPC	NAPS (2*220)	440	390	433	430	9.50	396	9.36	0.14
	RAPS- B (2*220)	440	413	454	456	9.94	414	9.91	0.03
	RAPS- C (2*220)	440	211	236	235	4.95	206	5.06	-0.11
	<b>Sub Total (B)</b>	<b>1320</b>	<b>1014</b>	<b>1123</b>	<b>1121</b>	<b>24.39</b>	<b>1016</b>	<b>24.34</b>	<b>0.05</b>
C. NHPC	Chamera I HPS (3*180)	540	534	538	0	1.68	70	1.60	0.08
	Chamera II HPS (3*100)	300	300	310	0	0.86	36	0.80	0.06
	Chamera III HPS (3*77)	231	231	231	0	0.48	20	0.43	0.05
	Bairasuli HPS(3*60)	180	120	120	0	0.44	18	0.40	0.04
	Salal-HPS (6*115)	690	89	223	135	2.23	93	2.15	0.09
	Tanakpur-HPS (3*40)	94	25	27	22	0.64	27	0.61	0.03
	Uri-I HPS (4*120)	480	100	208	22	2.54	106	2.39	0.15
	Uri-II HPS (4*60)	240	0	0	0	0.00	0	0.00	0.00
	Dhauliganga-HPS (4*70)	280	84	140	0	1.00	42	0.85	0.15
	Dulhasti-HPS (3*130)	390	258	274	0	2.40	100	2.34	0.06
	Sewa-II HPS (3*40)	120	119	60	0	0.27	11	0.36	-0.08
	Parbati 3 (4*130)	520	0	0	0	0.00	0	0.00	0.00
	<b>Sub Total (C)</b>	<b>4065</b>	<b>1860</b>	<b>2131</b>	<b>179</b>	<b>13</b>	<b>522</b>	<b>12</b>	<b>1</b>
D. SJVNL	NJPC (6*250)	1500	1350	1314	0	6.09	254	6.00	0.09
	Rampur HEP (4*68.67)	275	326	372	0	1.63	68	1.59	0.04
	<b>Sub Total (D)</b>	<b>1775</b>	<b>1676</b>	<b>1686</b>	<b>0</b>	<b>7.72</b>	<b>322</b>	<b>7.59</b>	<b>0.13</b>
E. THDC	Tehri HPS (4*250)	1000	916	728	0	6.84	285	7.08	-0.23
	Koteshwar HPS (4*100)	400	125	295	90	3.03	126	3.00	0.03
	<b>Sub Total (E)</b>	<b>1400</b>	<b>1041</b>	<b>1023</b>	<b>90</b>	<b>9.87</b>	<b>411</b>	<b>10.08</b>	<b>-0.20</b>
F. BBMB	Bhakra HPS (3*108+2*126+6*157)	1514	473	1092	338	11.38	474	11.36	0.02
	Dehar HPS (6*165)	990	132	330	0	3.07	128	3.17	-0.10
	Pong HPS (6*66)	396	220	372	0	5.16	215	5.29	-0.13
	<b>Sub Total (F)</b>	<b>2900</b>	<b>826</b>	<b>1794</b>	<b>338</b>	<b>19.62</b>	<b>817</b>	<b>19.83</b>	<b>-0.21</b>
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	0	0	0.27	11	0.26	0.01
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	577	0	3.28	137	3.24	0.05
	Malana Stg-II HPS (2*50)	100	0	0	0	0.00	0	0.00	0.00
	Shree Cement TPS (2*150)	300	0	131	101	2.92	122	2.92	-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>708</b>	<b>101</b>	<b>6.47</b>	<b>270</b>	<b>6.42</b>	<b>0.05</b>	
<b>H. Total Regional Entities (A-G)</b>	<b>24434</b>	<b>17087</b>	<b>16697</b>	<b>8894</b>	<b>273.25</b>	<b>11385</b>	<b>267.61</b>	<b>5.64</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	480	510	11.84	493
	Guru Nanak Dev TPS(Bhatinda) (4*110)	440	120	90	2.21	92
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	337	332	8.16	340
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	360	345	9.45	394
	Talwandi Saboo (1*660)	660	500	344	8.84	369
	<b>Thermal (Total)</b>	<b>4680</b>	<b>1797</b>	<b>1621</b>	<b>40.50</b>	<b>1688</b>
	Total Hydro	1148	187	292	6.20	258
<b>Total Punjab</b>	<b>5828</b>	<b>1984</b>	<b>1913</b>	<b>46.70</b>	<b>1946</b>	
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	226	219	5.17	215
	DCRTPP (Yamuna nagar) (2*300)	600	526	507	11.62	484
	Faridabad GPS (NTPC)	432	418	319	9.50	396
	RGTPP (khedar) (IPP) (2*600)	1200	742	699	19.20	800
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	1150	725	22.96	957
	<b>Thermal (Total)</b>	<b>4944</b>	<b>3062</b>	<b>2469</b>	<b>68.45</b>	<b>2852</b>
	Total Hydro	62	13	19	0.39	16
	<b>Total Haryana</b>	<b>5006</b>	<b>3075</b>	<b>2488</b>	<b>68.84</b>	<b>2868</b>
	Rajasthan	kota TPS (2*110+2*195+3*210)	1240	997	1023	24.07
suratgarh TPS (6*250)		1500	769	767	19.05	794
Chabra TPS (3*250)		750	352	191	7.48	312
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	78	79	2.34	97
RAPS A (NPC) (1*100+1*200)		300	149	149	4.10	171
Barsingar (NLC) (2*125)		250	158	164	3.93	164
Giral LTPS (2*125)		250	0	0	0.00	0
Rajwst LTPS (IPP) (8*135)		1080	816	504	17.55	731
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	1196	948	25.69	1070
<b>Thermal (Total)</b>		<b>8026</b>	<b>4515</b>	<b>3825</b>	<b>104</b>	<b>4342</b>
Total Hydro		550	54	57	1.87	78
Wind power		2798	112	386	6.73	280
Biomass		99	20	20	0.48	20
Solar		730	2	0	0.19	8
Renewable/Others (Total)		3627	134	406	7.40	308
<b>Total Rajasthan</b>	<b>12203</b>	<b>4703</b>	<b>4288</b>	<b>113.47</b>	<b>4728</b>	
UP	Anpara TPS (3*210+2*500)	1630	1381	1373	32.70	1363
	Obra TPS (2*50+2*94+5*200)	1194	356	340	8.50	354
	Paricha TPS (2*110+2*220+2*250)	1140	768	831	19.10	796
	Panki TPS (2*105)	210	77	68	1.50	63
	Harduaganj TPS (1*60+1*105+2*250)	665	488	476	11.20	467
	Tanda TPS (NTPC) (4*110)	440	390	380	9.30	388
	Roza TPS (IPP) (4*300)	1200	567	1017	19.20	800
	Anpara-C (IPP) (2*600)	1200	1053	1062	25.10	1046
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	284	279	6.40	267
	<b>Thermal (Total)</b>	<b>8129</b>	<b>5364</b>	<b>5826</b>	<b>133.00</b>	<b>5542</b>
	Vishnuparyag HPS (IPP)	400	70	66	1.50	63
	Other Hydro	527	55	68	1.10	46
	Cogeneration	981	800	800	19.20	800
	<b>Total UP</b>	<b>10037</b>	<b>6289</b>	<b>6760</b>	<b>154.80</b>	<b>6388</b>
	Uttarakhand	Total Hydro	1398	520	275	8.44
<b>Total Uttarakhand</b>		<b>1398</b>	<b>520</b>	<b>275</b>	<b>8.44</b>	<b>352</b>
Delhi	Raighat TPS (2*67.5)	135	0	0	0.00	0
	Delhi Gas Turbine (6x30 + 3x34)	282	163	162	3.85	160
	Pragati Gas Turbine (2x104+ 1x122)	330	158	163	3.68	153
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (6*250)	1370	293	129	5.26	219
	Badarpur TPS (NTPC) (3*95+2*210)	705	180	164	4.16	173
	<b>Thermal (Total)</b>	<b>2917</b>	<b>794</b>	<b>618</b>	<b>16.94</b>	<b>706</b>
<b>Total Delhi</b>	<b>2917</b>	<b>794</b>	<b>618</b>	<b>16.94</b>	<b>706</b>	
HP	Baspa HPS (IPP) (2*150)	300	29	0	0.97	40
	Malana HPS (IPP) (2*43)	86	0	0	0.17	7
	Other Hydro	728	117	61	2.57	107
	<b>Total HP</b>	<b>1114</b>	<b>146</b>	<b>61</b>	<b>3.70</b>	<b>154</b>
J & K	Baqilhar HPS (IPP) (3*150)	450	150	120	3.27	136
	Other Hydro/IPP	436	78	18	1.01	42
	Gas/Diesel/Others	209	0	0	0.00	0
	<b>Total J &amp; K</b>	<b>1094</b>	<b>228</b>	<b>138</b>	<b>4.28</b>	<b>178</b>
<b>Total State Control Area Generation</b>		<b>39597</b>	<b>17739</b>	<b>16541</b>	<b>417.17</b>	<b>17319</b>
<b>J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]</b>			<b>4462</b>	<b>3286</b>	<b>96.66</b>	<b>4027</b>
<b>Total Regional Availability(Gross)</b>		<b>64032</b>	<b>38898</b>	<b>28721</b>	<b>787.08</b>	<b>32732</b>

#### IV. Total Hydro Generation:

Regional Entities Hydro	11432	7211	607	53.30	2221
State Control Area Hydro	5684	1203	910	27.47	1082
<b>Total Regional Hydro</b>	<b>17116</b>	<b>8414</b>	<b>1517</b>	<b>80.77</b>	<b>3303</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	-200	-300	300	300	0.74	5.34	-4.60
Gwalior-Agra (D/C)	1524	1258	1950	0	35.28	0.00	35.28
Zerda-Kankroli	8	-146	-38	193	0.00	1.23	-1.23
Zerda-Bhinmal	80	-39	157	125	1.03	0.00	1.03
Malanpur-Auraiya	-50	-85	0	150	0.00	1.66	-1.66
Badod-Kota/Morak	5	-79	22	71	0.00	6.36	-6.36
Mundra-Mohindergarh(HVDC)	1677	1799	2203	0	46.91	0.00	46.91
Vindhychal - Rihand	452	325	505	0	10.38	0.00	10.38
<b>Sub Total WR</b>	<b>3496</b>	<b>2733</b>			<b>94.34</b>	<b>14.59</b>	<b>79.75</b>
Pusauli Bypass	300	300	300	0	7.23	0.00	7.23
MZP- GKP (D/C)	45	99	106	278	0.00	1.99	-1.99
Patna-Balia(D/C)	474	227	533	0	7.92	0.00	7.92
B'Sharif-Balia (D/C)	-117	-113	0	218	0.00	2.37	-2.37
Pusauli-Balia	-6	10	55	44	0.05	0.00	0.05
Gaya-Fatehpur (765 Kv)	219	76	378	0	4.98	0.00	4.98
Pusauli-Sahupuri	132	140	175	0	3.05	0.00	3.05
K'nasa-Sahupuri	0	0	0	0	0.00	0.00	0.00
Son Ngr-Rihand	-30	-40	0	-46	0.00	0.85	-0.85
Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
Sasaram - Fatehpur(765 KV)	-51	-146	134	201	0.00	1.10	-1.10
<b>Sub Total ER</b>	<b>966</b>	<b>553</b>			<b>23.22</b>	<b>6.32</b>	<b>16.91</b>
<b>Total IR Exch</b>	<b>4462</b>	<b>3286</b>			<b>117.57</b>	<b>20.91</b>	<b>96.66</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
23.07	0.18	23.25	11.84	-5.40	0.38	22.24	0.22	-0.22

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
35.69	75.82	111.50	16.91	79.75	96.66	-18.78	3.93	-14.85

**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	2.72	7.16	16.62	44.04	47.35	14.73	12.33	9.42	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)		
50.50	14:09:36	49.57	04:19:12	50.01	0.21	0.15	50.51	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	412	01:00	404	07:36	0.0	0.0	0.0	0.0
Gorakhpur	400	410	23:26	395	09:15	0.0	0.0	0.0	0.0
Bareilly	400	426	23:38	409	09:15	0.0	0.0	14.4	0.0
Kanpur	400	423	23:44	407	09:14	0.0	0.0	2.2	0.0
Dadri	400	422	00:59	408	18:36	0.0	0.0	15.2	0.0
Ballabgarh	400	430	01:13	414	11:14	0.0	0.0	63.2	0.0
Bawana	400	428	03:01	413	18:35	0.0	0.0	43.9	0.0
Bassi	400	431	05:02	409	10:25	0.0	0.0	56.8	0.1
Hissar	400	418	23:44	404	11:13	0.0	0.0	0.0	0.0
Moga	400	422	01:00	410	06:52	0.0	0.0	2.6	0.0
Abdullapur	400	426	03:02	396	18:35	0.0	0.0	62.6	0.0
Nalagarh	400	431	20:37	412	05:53	0.0	0.0	66.5	0.2
Kishenpur	400	416	01:01	396	12:03	0.0	0.0	0.0	0.0
Wagoora	400	391	13:02	364	12:05	53.4	99.8	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	782	23:42	747	05:41	0.0	0.0	0.0	0.0
Balia	765	781	23:47	753	09:15	0.0	0.0	0.0	0.0
Moga	765	802	23:48	775	07:31	0.0	0.0	0.4	0.0
Agra	765	800	23:43	767	09:15	0.0	0.0	0.0	0.0
Bhiwani	765	810	23:46	780	06:55	0.0	0.0	7.4	0.0
Unnao	765	773	23:34	746	09:15	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	493.28	838.00	497.20	0.00	120.86	342.69
Pong	426.72	384.05	402.04	266.33	409.03	464.36	62.78	371.32
Tehri	829.79	740.04	800.05	608.45	803.45	665.65	36.31	167.00
Koteshwar	612.50	598.50	608.76	3.98	610.30	4.69	167.00	201.00
Chamera-I	760.00	748.75	759.00	0.00	0.00	0.00	39.67	44.95
Rihand	268.22	252.98	849.90	253.90	853.60	314.70	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	502.97	1.50	509.35	2.05	48.98	49.17

\* 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	-410	118	0	-379	225	0	-8.62	3.52	-5.11
Delhi	-854	-31	-20	-453	326	-20	-10.09	3.15	-6.94
Haryana	-943	30	0	-939	81	0	-23.54	-0.86	-24.40
HP	533	-86	0	504	-146	0	13.48	-3.09	10.39
J&K	694	0	0	496	243	0	13.42	3.05	16.47
CHD	-31	0	0	0	0	0	-0.25	0.00	-0.25
Rajasthan	487	606	2	487	350	2	15.66	11.79	27.45
UP	69	0	0	67	0	0	-2.41	0.00	-2.41
Uttarakhand	291	123	46	291	377	15	6.99	6.56	13.55
<b>Total</b>	<b>-164</b>	<b>760</b>	<b>27</b>	<b>73</b>	<b>1457</b>	<b>-4</b>	<b>4.64</b>	<b>24.12</b>	<b>28.76</b>

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-328	-410	287	3	0	0
Delhi	57	-854	584	-31	0	-20
Haryana	-939	-1067	135	-555	0	0
HP	605	479	16	-623	0	0
J&K	694	447	292	-51	0	0
CHD	0	-31	0	0	0	0
Rajasthan	843	487	613	-154	2	2
UP	105	-446	0	0	0	0
Uttarakhand	291	291	377	102	46	11

**XI. System Constraints:****XII. Grid Disturbance / Any Other Significant Event:****XIII. Weather Conditions For 25.01.2015 :**  
Normal**XIV. Synchronisation of new generating units :****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 :**