

# पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पावरसिड की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)



## उत्तरी क्षेत्रीय भार प्रेषण केंद्र

CIN: U40105DL2009GOI188682

Power Supply Position in Northern Region for 16.04.2015  
Date of Reporting : 17.04.2015

### 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
35104	2921	38026	50.02	29625	943	30568	50.15	743.0	29.54

\* 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	26.82	3.84		30.66	58.56	57.95	-0.61	88.61	0.00
Haryana	20.61	0.61		21.22	73.46	73.05	-0.41	94.27	0.01
Rajasthan	93.50	0.18	5.14	98.82	62.41	64.19	1.78	163.01	0.00
Delhi	16.02			16.02	56.89	56.46	-0.42	72.48	0.05
UP	126.93	7.59		134.52	96.02	98.07	2.04	232.58	29.10
Uttarakhand		10.68		10.68	20.51	22.94	2.43	33.62	0.38
HP		12.89		12.89	11.63	10.23	-1.40	23.12	0.00
J & K		12.45	0.00	12.45	20.84	19.11	-1.73	31.56	0.00
Chandigarh				0.00	3.73	3.73	0.27	3.73	0.00
<b>Total</b>	<b>283.88</b>	<b>48.24</b>	<b>5.14</b>	<b>337.25</b>	<b>404.05</b>	<b>405.73</b>	<b>1.96</b>	<b>742.99</b>	<b>29.54</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	4313	0	-176	-54	3805	0	-53	293	4313
Haryana	5591	0	-231	535	3388	0	130	519	5591
Rajasthan	7072	0	12	414	6517	0	-50	513	7318
Delhi	3460	0	13	100	2512	0	94	-320	3579
UP	10123	2525	147	213	10438	770	539	172	10438
Uttarakhand	1707	40	216	485	1289	0	141	342	1707
HP	872	0	-105	-512	695	0	52	-75	1073
J&K	1782	356	227	-136	866	173	-314	-121	1822
Chandigarh	184	0	0	-10	115	0	2	-10	184
<b>Total</b>	<b>35104</b>	<b>2921</b>	<b>102</b>	<b>1033</b>	<b>29625</b>	<b>943</b>	<b>542</b>	<b>1312</b>	<b>35104</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 :

A. NTPC	Station/ Constituent	Inst. Capacity	Declared	Peak MW	Off Peak MW	Energy	Average	Schedule	UI
		(Effective) MW	Capacity(MW)	(Gross)	(Gross)	(Net MU)	Sentout(MW)	Net MU	Net MU
	Singrauli STPS (5*200+2*500)	2000	1730	1857	1856	39.89	1662	39.99	-0.10
	Rihand I STPS (2*500)	1000	850	893	852	19.34	806	17.86	1.48
	Rihand II STPS (2*500)	1000	475	493	478	10.92	455	10.08	0.85
	Rihand III STPS (2*500)	1000	963	950	796	20.77	865	19.76	1.01
	Dadri I STPS (4*210)	840	815	565	552	15.23	635	13.99	1.24
	Dadri II STPS (2*490)	980	980	672	665	17.13	714	16.93	0.20
	Unchahar I TPS (2*210)	420	405	422	227	6.38	266	7.91	-1.52
	Unchahar II TPS (2*210)	420	401	373	232	6.24	260	7.00	-0.76
	Unchahar III TPS (1*220)	210	0	0	0	0.00	0	0.00	0.00
	ISTPP (Jhajjar) (3*500)	1500	1500	693	598	13.87	578	14.65	-0.78
	Dadri GPS (4*130.19+2*154.51)	830	816	254	365	6.98	291	6.93	0.05
	Anta GPS (3*88.71+1*153.2)	419	393	0	0	0.00	0	0.00	0.00
	Auraiya GPS (4*111.19+2*109.30)	663	656	148	142	3.52	147	3.48	0.04
	Dadri Solar	5	1	0	0	0.02	1	0.03	-0.01
	Unchahar Solar	10	3	0	0	0.04	2	0.06	-0.02
	Singrauli Solar	15	3	0	0	0.05	2	0.07	-0.02
	KHEP	400	0	0	0	0.00	0	0.00	0.00
	<b>Sub Total (A)</b>	<b>11712</b>	<b>9990</b>	<b>7320</b>	<b>6763</b>	<b>160</b>	<b>6682</b>	<b>159</b>	<b>2</b>
B. NPC	NAPS (2*220)	440	299	223	436	6.92	288	7.16	-0.25
	RAPS- B (2*220)	440	360	226	425	7.35	306	9.41	-2.06
	RAPS- C (2*220)	440	410	442	393	9.08	378	9.84	-0.76
	<b>Sub Total (B)</b>	<b>1320</b>	<b>1068</b>	<b>891</b>	<b>1254</b>	<b>23.35</b>	<b>973</b>	<b>26.41</b>	<b>-3.06</b>
C. NHPC	Chamera I HPS (3*180)	540	534	550	0	9.15	381	9.08	0.07
	Chamera II HPS (3*100)	300	300	308	190	6.71	279	6.58	0.12
	Chamera III HPS (3*77)	231	231	231	143	4.22	176	4.14	0.09
	Bairasuil HPS(3*60)	180	179	180	180	3.98	166	3.96	0.03
	Salal-HPS (6*115)	690	627	664	639	15.47	645	14.91	0.56
	Tanakpur-HPS (3*40)	94	43	52	46	1.11	46	1.03	0.08
	Uri-I HPS (4*120)	480	475	473	477	11.56	482	11.40	0.17
	Uri-II HPS (4*60)	240	0	0	0	0.00	0	0.00	0.00
	Dhauliganga-HPS (4*70)	280	140	140	0	2.10	88	2.08	0.02
	Dulhasti-HPS (3*130)	390	387	407	133	8.50	354	8.28	0.23
	Sewa-II HPS (3*40)	120	119	130	128	3.08	128	2.86	0.22
	Parbati 3 (4*130)	520	388	108	0	1.82	76	1.76	0.06
	<b>Sub Total (C)</b>	<b>4065</b>	<b>3424</b>	<b>3242</b>	<b>1937</b>	<b>68</b>	<b>2821</b>	<b>66</b>	<b>2</b>
D.SJVNL	NJPC (6*250)	1500	1605	1601	0	15.29	637	15.10	0.19
	Rampur HEP (6*68.67)	412	430	430	0	4.30	179	4.19	0.12
	<b>Sub Total (D)</b>	<b>1912</b>	<b>2035</b>	<b>2031</b>	<b>0</b>	<b>19.60</b>	<b>816</b>	<b>19.28</b>	<b>0.31</b>
E. THDC	Tehri HPS (4*250)	1000	525	526	0	7.16	298	7.10	0.06
	Koteswar HPS (4*100)	400	129	100	90	3.08	128	3.10	-0.02
	<b>Sub Total (E)</b>	<b>1400</b>	<b>654</b>	<b>626</b>	<b>90</b>	<b>10.24</b>	<b>427</b>	<b>10.20</b>	<b>0.04</b>
F. BBMB	Bhakra HPS (3*108+2*126+6*157)	1514	338	639	325	8.06	336	8.12	-0.06
	Dehar HPS (6*165)	990	480	495	495	11.67	486	11.52	0.15
	Pong HPS (6*66)	396	6	126	0	0.13	6	0.16	-0.02
	<b>Sub Total (F)</b>	<b>2900</b>	<b>825</b>	<b>1260</b>	<b>820</b>	<b>19.86</b>	<b>828</b>	<b>19.80</b>	<b>0.07</b>
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	57	51	1.25	52	1.20	0.05
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	880	0	7.85	327	7.67	0.18
	Malana Stg-II HPS (2*50)	100	0	25	40	0.88	37	0.81	0.07
	Shree Cement TPS (2*150)	300	0	275	296	6.52	272	6.59	-0.07
	Budhil HPS(IPP)	70	0	74	73	0.90	38	0.84	0.06
	<b>Sub Total (G)</b>	<b>1662</b>	<b>0</b>	<b>1310</b>	<b>461</b>	<b>17.40</b>	<b>725</b>	<b>17.10</b>	<b>0.30</b>
<b>H. Total Regional Entities (A-G)</b>		<b>24972</b>	<b>17996</b>	<b>16680</b>	<b>11325</b>	<b>318.54</b>	<b>13273</b>	<b>317.60</b>	<b>0.94</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	185	160	3.77	157
	Guru Nanak Dev TPS(Bhatinda) (4*110)	440	0	60	1.23	51
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	0	352	4.44	185
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	561	350	8.85	369
	Talwandi Saboo (1*660)	660	585	330	8.53	355
	<b>Thermal (Total)</b>	<b>4680</b>	<b>1331</b>	<b>1252</b>	<b>26.82</b>	<b>1117</b>
	Total Hydro	1148	222	105	3.84	160
	<b>Total Punjab</b>	<b>5828</b>	<b>1553</b>	<b>1357</b>	<b>30.66</b>	<b>1277</b>
	Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00
DCRTPP (Yamuna nagar) (2*300)		600	258	475	7.78	324
Faridabad GPS (NTPC)		432	0	0	0.00	0
RGTPP (khedar) (IPP) (2*600)		1200	0	0	0.00	0
Magnum Diesel (IPP)		25	0	0	0.00	0
Jhajjar(CLP) (2*660)		1320	1102	379	12.83	535
<b>Thermal (Total)</b>		<b>4944</b>	<b>1360</b>	<b>854</b>	<b>20.61</b>	<b>859</b>
Total Hydro		62	22	22	0.61	26
<b>Total Haryana</b>		<b>5006</b>	<b>1382</b>	<b>876</b>	<b>21.22</b>	<b>884</b>
Rajasthan		kota TPS (2*110+2*195+3*210)	1240	644	450	13.22
	suratgarh TPS (6*250)	1500	224	192	5.06	211
	Chabra TPS (4*250)	1000	588	545	14.70	612
	Dholpur GPS (3*110)	330	123	117	3.14	131
	Ramgarh GPS (1*37.5 + 1*35.5 +2*37.5 +1*110 +1*50)	271	182	185	4.48	187
	RAPS A (NPC) (1*100+1*200)	300	0	0	0.00	0
	Barsingsar (NLC) (2*125)	250	141	172	3.85	161
	Giral LTPS (2*125)	250	89	90	1.79	75
	Rajwest LTPS (IPP) (8*135)	1080	843	723	19.08	795
	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	1194	1199	28.18	1174
	<b>Thermal (Total)</b>	<b>8276</b>	<b>4028</b>	<b>3673</b>	<b>93</b>	<b>3896</b>
	Total Hydro	550	79	0	0.18	8
	Wind power	2798	16	411	4.08	170
	Biomass	99	38	38	0.91	38
	Solar	730	0	0	0.15	6
	Renewable/Others (Total)	3627	54	449	5.14	214
	<b>Total Rajasthan</b>	<b>12453</b>	<b>4161</b>	<b>4122</b>	<b>98.82</b>	<b>4118</b>
	UP	Anpara TPS (3*210+2*500)	1630	1376	1238	29.40
Obra TPS (2*50+2*94+5*200)		1194	444	439	10.50	438
Paricha TPS (2*110+2*220+2*250)		1140	782	807	19.00	792
Panki TPS (2*105)		210	135	49	2.30	96
Harduaganj TPS (1*60+1*105+2*250)		665	135	221	3.40	142
Tanda TPS (NTPC) (4*110)		440	275	392	8.41	350
Roza TPS (IPP) (4*300)		1200	572	806	15.76	657
Anpara-C (IPP) (2*600)		1200	1095	1089	26.16	1090
Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)		450	0	0	0.00	4789
Anpara-D		500	0	0	0.00	0
<b>Thermal (Total)</b>		<b>8629</b>	<b>4814</b>	<b>5041</b>	<b>115</b>	<b>9578</b>
Vishnuparyag HPS (IPP)		400	136	128	3.06	127
Other Hydro		527	299	273	4.53	189
Cogeneration		981	500	500	12.00	500
<b>Total UP</b>		<b>10537</b>	<b>5749</b>	<b>5942</b>	<b>134.52</b>	<b>10266</b>
Uttarakhand	Total Hydro	1398	453	422	10.68	445
	<b>Total Uttarakhand</b>	<b>1398</b>	<b>453</b>	<b>422</b>	<b>10.68</b>	<b>445</b>
Delhi	Rajghat TPS (2*67.5)	135	0	0	-0.02	-1
	Delhi Gas Turbine (6x30 + 3x34)	282	78	81	1.92	80
	Pragati Gas Turbine (2x104+ 1x122)	330	153	153	3.70	154
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (6*250)	1370	307	268	6.69	279
	Badarpur TPS (NTPC) (3*95+2*210)	705	179	182	3.73	155
	Thermal (Total)	2917	717	684	16.02	668
	<b>Total Delhi</b>	<b>2917</b>	<b>717</b>	<b>684</b>	<b>16.02</b>	<b>668</b>
HP	Baspa HPS (IPP) (2*150)	300	176	0	1.68	70
	Malana HPS (IPP) (2*43)	86	43	40	0.88	37
	Other Hydro	728	452	403	10.33	430
	<b>Total HP</b>	<b>1114</b>	<b>671</b>	<b>443</b>	<b>12.89</b>	<b>537</b>
J & K	Baglihar HPS (IPP) (3*150)	450	450	450	10.35	431
	Other Hydro/IPP	436	90	92	2.10	88
	Gas/Diesel/Others	209	0	0	0.00	0
	<b>Total J &amp; K</b>	<b>1094</b>	<b>540</b>	<b>542</b>	<b>12.45</b>	<b>519</b>
<b>Total State Control Area Generation</b>		<b>40347</b>	<b>15226</b>	<b>14388</b>	<b>337.25</b>	<b>18714</b>
<b>J. Net Inter Regional Exchange</b> [Import (+ve)/Export (-ve)]			<b>3961</b>	<b>3428</b>	<b>101.13</b>	<b>4214</b>
<b>Total Regional Availability(Gross)</b>		<b>65319</b>	<b>35867</b>	<b>29141</b>	<b>756.92</b>	<b>36200</b>

#### IV. Total Hydro Generation:

Regional Entities Hydro	11969	8120	2939	127.389948	5308
State Control Area Hydro	5684	2286	1807	48.24	1883
<b>Total Regional Hydro</b>	<b>17654</b>	<b>10406</b>	<b>4746</b>	<b>175.63</b>	<b>7190</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	150	100	250	50	3.77	0.13	3.64
Gwalior-Agra (D/C)	1924	1286	1929	0	32.63	0.00	32.63
Zerda-Kankroli	-24	-269	0	269	0.00	4.11	-4.11
Zerda-Bhinmal	11	-259	40	296	0.00	3.49	-3.49
Malanpur-Auraiya	-40	-65	0	80	0.00	1.02	-1.02
Badod-Kota/Morak	14	-17	25	43	0.00	0.53	-0.53
Mundra-Mohindergarh(HVDC)	1799	2202	2205	0	47.22	0.00	47.22
Vindhychal - Rihand	-504	-470	-504	0	11.72	0.00	11.72
<b>Sub Total WR</b>	<b>3330</b>	<b>2508</b>			<b>95.34</b>	<b>9.29</b>	<b>86.05</b>
Pusauli Bypass	400	400	400	0	8.88	0.00	8.88
MZP- GKP (D/C)	135	32	36	232	0.00	0.93	-0.93
Patna-Balia(D/C)	185	355	409	0	6.77	0.00	6.77
B'Sharif-Balia (D/C)	-208	-55	0	208	0.00	2.70	-2.70
Pusauli-Balia	-18	0	17	21	0.00	0.00	0.00
Gaya-Fatehpur (765 Kv)	128	141	211	0	2.30	0.00	2.30
Pusauli-Sahupuri	132	141	188	0	3.47	0.00	3.47
K'nasa-Sahupuri	0	0	0	0	0.48	0.48	0.00
Son Ngr-Rihand	-36	-27	0	-44	0.00	0.80	-0.80
Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
Sasaram - Fatehpur(765 KV)	-87	-67	13	201	0.00	1.91	-1.91
<b>Sub Total ER</b>	<b>631</b>	<b>920</b>			<b>21.90</b>	<b>6.82</b>	<b>15.08</b>
<b>Total IR Exch</b>	<b>3961</b>	<b>3428</b>			<b>117.24</b>	<b>16.11</b>	<b>101.13</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
23.78	0.98	24.76	0.45	-1.75	7.63	12.11	0.87	-0.87

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
33.71	69.68	103.39	15.08	86.05	101.13	-18.63	16.37	-2.26

**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	0.28	6.02	35.60	61.48	21.20	10.53	1.34	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					
50.27	7.04	49.74	19.10	50.02	0.06	0.07	50.26	49.9

**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	00:00	398	19:08	0.0	0.0	0.0	0.0
Gorakhpur	400	415	01:00	406	11:51	0.0	0.0	0.0	0.0
Bareilly	400	420	03:02	399	19:14	0.0	0.0	0.0	0.0
Kanpur	400	419	03:01	398	19:23	0.0	0.0	0.0	0.0
Dadri	400	425	03:02	404	19:08	0.0	0.0	13.8	0.0
Ballabgarh	400	432	03:03	404	19:22	0.0	0.0	44.4	1.8
Bawana	400	429	03:01	403	19:23	0.0	0.0	49.3	0.0
Bassi	400	429	03:02	256	18:35	37.5	37.5	23.4	0.0
Hissar	400	423	03:01	393	19:22	0.0	0.0	6.7	0.0
Moga	400	425	03:04	401	19:21	0.0	0.0	14.3	0.0
Abdullapur	400	431	03:02	396	19:22	0.0	0.0	55.6	0.5
Nalagarh	400	434	03:02	408	19:09	0.0	0.0	86.6	9.9
Kishenpur	400	423	03:00	396	19:20	0.0	0.0	5.5	0.0
Wagooora	400	416	03:02	374	19:45	13.4	19.8	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	777	03:02	739	19:23	0.0	1.2	0.0	0.0
Balia	765	778	17:17	751	18:53	0.0	0.0	0.0	0.0
Moga	765	808	03:02	760	19:26	0.0	0.0	12.4	0.0
Agra	765	793	03:03	744	19:26	0.0	0.0	0.0	0.0
Bhiwani	765	812	02:59	764	19:23	0.0	0.0	16.7	0.0
Unnao	765	763	04:05	736	19:12	0.0	4.6	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	482.02	503.43	482.32	511.55	399.81	237.24
Pong	426.72	384.05	404.04	320.26	402.19	266.33	143.11	11.47
Tehri	829.79	740.04	767.20	182.00	768.10	190.00	91.67	212.00
Koteshwar	612.50	598.50	611.40	5.20	610.91	4.91	212.00	204.00
Chamera-I	760.00	748.75	756.90	0.00	0.00	0.00	309.88	248.31
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	516.60	1.72	515.68	4.14	231.68	77.47

\* 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	-155	447	0	-155	101	0	-3.71	8.71	5.00
Delhi	-197	-82	-41	-97	197	0	-3.13	1.63	-1.50
Haryana	366	153	0	362	173	0	8.73	2.54	11.27
HP	99	-174	0	-104	-408	0	1.15	-5.86	-4.70
J&K	-70	-51	0	-121	-15	0	-2.40	-0.52	-2.92
CHD	0	-10	0	0	-10	0	0.00	-0.06	-0.06
Rajasthan	-125	636	2	-121	532	2	-2.94	14.31	11.36
UP	172	0	0	213	0	0	4.37	0.00	4.37
Uttarakhand	0	316	26	0	459	26	0.00	8.73	8.73
<b>Total</b>	<b>89</b>	<b>1235</b>	<b>-12</b>	<b>-23</b>	<b>1028</b>	<b>28</b>	<b>2.08</b>	<b>29.47</b>	<b>31.54</b>

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-155	-155	457	52	0	0
Delhi	-97	-197	320	-97	0	-41
Haryana	366	362	199	-113	0	0
HP	99	-104	-73	-602	0	0
J&K	-70	-121	84	-116	0	0
CHD	0	0	15	-20	0	0
Rajasthan	-121	-125	829	462	2	2
UP	218	145	0	0	0	0
Uttarakhand	0	0	467	286	26	0

**XI. System Constraints:****XII. Grid Disturbance / Any Other Significant Event:****XIII. Weather Conditions For 16.04.2015 :**

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 :**