

# 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 20.01.2015  
Date of Reporting : 21.01.2015

### 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
38340	2224	40563	50.09	29281	776	30057	50.13	833.2	60.70

\* 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	47.00	8.01		55.01	36.77	37.15	0.38	92.16	0.00
Haryana	68.02	0.39		68.40	47.79	49.50	1.71	117.90	0.03
Rajasthan	121.87	4.66	9.42	135.94	68.93	72.02	3.09	207.96	0.00
Delhi	22.88			22.88	46.32	46.71	0.39	69.59	0.06
UP	154.70	4.20		158.90	76.72	78.84	2.13	237.74	52.24
Uttarakhand		9.70		9.70	25.60	26.81	1.21	36.51	0.91
HP		3.96		3.96	20.91	20.97	0.06	24.93	0.00
J & K		4.25	0.00	4.25	35.10	37.99	2.89	42.24	7.46
Chandigarh				0.00	3.80	4.20	0.27	4.20	0.00
<b>Total</b>	<b>414.46</b>	<b>35.16</b>	<b>9.42</b>	<b>459.04</b>	<b>361.93</b>	<b>374.19</b>	<b>12.13</b>	<b>833.23</b>	<b>60.70</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	4637	0	-34	-287	2898	0	-27	-257	4777
Haryana	5945	0	-144	-823	3627	0	17	-795	6371
Rajasthan	8863	0	18	956	7824	0	74	1058	10219
Delhi	3324	0	54	-139	1619	0	-25	-959	3903
UP	10321	1800	-197	100	9556	480	-149	75	10825
Uttarakhand	1865	75	10	698	1221	0	60	474	1869
HP	1194	0	-66	413	761	0	0	478	1346
J&K	1976	349	195	627	1676	296	115	679	1976
Chandigarh	215	0	6	15	99	0	15	-31	235
<b>Total</b>	<b>38340</b>	<b>2224</b>	<b>-158</b>	<b>1559</b>	<b>29281</b>	<b>776</b>	<b>81</b>	<b>722</b>	<b>38918</b>

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

# figures may not be at simultaneous hour.

Diversity is 1.07

### 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	1450	1571	1572	37.80	1575	34.79	3.01
Rihand I STPS (2*500)	1000	810	875	854	20.59	858	18.72	1.87
Rihand II STPS (2*500)	1000	900	959	732	21.84	910	20.34	1.51
Rihand III STPS (2*500)	1000	469	499	439	11.42	476	10.54	0.88
Dadri I STPS (4*210)	840	815	855	597	17.76	740	16.75	1.01
Dadri II STPS (2*490)	980	980	949	774	21.27	886	21.03	0.24
Unchahar I TPS (2*210)	420	404	434	288	9.73	406	9.20	0.53
Unchahar II TPS (2*210)	420	401	434	299	9.33	389	8.59	0.74
Unchahar III TPS (1*220)	210	201	218	148	4.62	193	4.26	0.36
ISTPP (Jhajhar) (3*500)	1500	1500	1423	896	24.40	1017	26.77	-2.37
Dadri GPS (4*130.19+2*154.51)	830	848	263	392	8.11	338	8.16	-0.05
Anta GPS (3*88.71+1*153.2)	419	426	222	224	5.58	233	5.57	0.01
Auraiva GPS (4*111.19+2*109.30)	663	678	179	167	4.42	184	4.50	-0.08
Dadri Solar	5	1	0	0	0.01	0	0.02	-0.02
Unchahar Solar	10	3	0	0	0.02	1	0.07	-0.05
Singrauli Solar	15	2	0	0	0.00	0	0	-0.05
<b>Sub Total (A)</b>	<b>11312</b>	<b>9888</b>	<b>8881</b>	<b>7382</b>	<b>197</b>	<b>8205</b>	<b>189</b>	<b>8</b>
<b>B. NPC</b>								
NAPS (2*220)	440	400	421	428	9.30	388	9.60	-0.30
RAPS- B (2*220)	440	412	455	458	9.92	414	9.89	0.04
RAPS- C (2*220)	440	215	221	237	4.80	200	5.16	-0.36
<b>Sub Total (B)</b>	<b>1320</b>	<b>1027</b>	<b>1097</b>	<b>1123</b>	<b>24.02</b>	<b>1001</b>	<b>24.65</b>	<b>-0.62</b>
<b>C. NHPC</b>								
Chamera I HPS (3*180)	540	534	137	0	1.70	71	1.60	0.10
Chamera II HPS (3*100)	300	300	312	0	0.99	41	0.95	0.04
Chamera III HPS (3*77)	231	231	149	0	0.52	22	0.50	0.02
Bairasuli HPS(3*60)	180	120	120	0	0.43	18	0.38	0.05
Salal-HPS (6*115)	690	93	224	122	2.37	99	2.22	0.15
Tanakpur-HPS (3*40)	94	23	26	25	0.62	26	0.56	0.07
Uri-I HPS (4*120)	480	88	202	15	2.31	96	2.12	0.19
Uri-II HPS (4*60)	240	0	0	0	0.00	0	0.00	0.00
Dhauliganga-HPS (4*70)	280	135	140	0	0.91	38	0.89	0.02
Dulhasti-HPS (3*130)	390	258	272	0	2.52	105	2.40	0.12
Sewa-II HPS (3*40)	120	119	102	0	0.24	10	0.36	-0.12
Parbati 3 (4*130)	520	0	0	0	0.00	0	0.00	0.00
<b>Sub Total (C)</b>	<b>4065</b>	<b>1901</b>	<b>1684</b>	<b>162</b>	<b>13</b>	<b>526</b>	<b>12</b>	<b>1</b>
<b>D. SJVNL</b>								
NJPC (6*250)	1500	1015	1343	0	6.41	267	6.39	0.02
Rampur HEP (4*68.67)	275	295	221	0	1.33	55	1.37	-0.04
<b>Sub Total (D)</b>	<b>1775</b>	<b>1310</b>	<b>1564</b>	<b>0</b>	<b>7.74</b>	<b>323</b>	<b>7.76</b>	<b>-0.02</b>
<b>E. THDC</b>								
Tehri HPS (4*250)	1000	980	986	0	9.19	383	9.10	0.09
Koteshwar HPS (4*100)	400	134	296	92	3.24	135	3.20	0.04
<b>Sub Total (E)</b>	<b>1400</b>	<b>1114</b>	<b>1282</b>	<b>92</b>	<b>12.43</b>	<b>518</b>	<b>12.30</b>	<b>0.13</b>
<b>F. BBMB</b>								
Bhakra HPS (3*108+2*126+6*157)	1514	549	1086	338	13.19	549	13.17	0.02
Dehar HPS (6*165)	990	116	330	0	2.79	116	2.79	0.01
Pong HPS (6*66)	396	180	309	0	4.20	175	4.32	-0.12
<b>Sub Total (F)</b>	<b>2900</b>	<b>845</b>	<b>1725</b>	<b>338</b>	<b>20.18</b>	<b>841</b>	<b>20.27</b>	<b>-0.09</b>
<b>G. IPP(s)/JV(s)</b>								
ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	0	0	0.33	14	0.33	0.01
KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	813	0	3.41	142	3.36	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	279	144	5.39	224	5.39	0.00
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>1092</b>	<b>144</b>	<b>9.13</b>	<b>380</b>	<b>9.08</b>	<b>0.05</b>
<b>H. Total Regional Entities (A-G)</b>	<b>24434</b>	<b>16085</b>	<b>17324</b>	<b>9241</b>	<b>283.03</b>	<b>11793</b>	<b>275.37</b>	<b>7.66</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	530	12.86	536
	Guru Nanak Dev TPS(Bhatinda) (4*110)	440	102	110	2.31	96
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	382	250	8.57	357
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	645	345	12.80	533
	Talwandi Saboo (1*660)	660	366	352	10.46	436
	<b>Thermal (Total)</b>	<b>4680</b>	<b>1975</b>	<b>1587</b>	<b>47.00</b>	<b>1958</b>
	Total Hydro	1148	224	153	8.01	334
<b>Total Punjab</b>	<b>5828</b>	<b>2199</b>	<b>1740</b>	<b>55.01</b>	<b>2292</b>	
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	494	440	10.77	449
	DCRTPP (Yamuna nagar) (2*300)	600	544	478	12.05	502
	Faridabad GPS (NTPC)	432	280	310	7.23	301
	RGTPP (khedar) (IPP) (2*600)	1200	1132	714	24.63	1026
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	619	372	13.34	556
	<b>Thermal (Total)</b>	<b>4944</b>	<b>3069</b>	<b>2314</b>	<b>68.02</b>	<b>2834</b>
	Total Hydro	62	15	12	0.39	16
	<b>Total Haryana</b>	<b>5006</b>	<b>3084</b>	<b>2326</b>	<b>68.40</b>	<b>2850</b>
	Rajasthan	kota TPS (2*110+2*195+3*210)	1240	897	1040	22.29
suratgarh TPS (6*250)		1500	1189	1161	28.68	1195
Chabra TPS (3*250)		750	641	602	14.99	625
Dholpur GPS (3*110)		330	100	100	2.42	101
Ramgarh GPS (1*3 + 1*35.5 +2*37.5 +1*110 +1*50)		271	219	221	5.00	208
RAPS A (NPC) (1*100+1*200)		300	146	149	4.09	170
Barsingsar (NLC) (2*125)		250	191	190	4.37	182
Giral LTPS (2*125)		250	0	0	0.00	0
Rajwest LTPS (IPP) (8*135)		1080	731	497	14.92	622
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	1200	887	25.11	1046
<b>Thermal (Total)</b>		<b>8026</b>	<b>5314</b>	<b>4847</b>	<b>122</b>	<b>5078</b>
Total Hydro		550	211	112	4.66	194
Wind power		2798	179	578	8.92	371
Biomass		99	15	15	0.36	15
Solar		730	1	0	0.14	6
Renewable/Others (Total)		3627	195	593	9.42	392
<b>Total Rajasthan</b>	<b>12203</b>	<b>5720</b>	<b>5552</b>	<b>135.94</b>	<b>5664</b>	
UP	Anpara TPS (3*210+2*500)	1630	1368	1409	32.80	1367
	Obra TPS (2*50+2*94+5*200)	1194	317	299	7.40	308
	Paricha TPS (2*110+2*220+2*250)	1140	747	782	18.30	763
	Panki TPS (2*105)	210	0	0	0.00	0
	Harduaganj TPS (1*60+1*105+2*250)	665	470	466	11.20	467
	Tanda TPS (NTPC) (4*110)	440	395	382	9.30	388
	Roza TPS (IPP) (4*300)	1200	797	1031	23.40	975
	Anpara-C (IPP) (2*600)	1200	1044	1053	24.80	1033
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	281	278	8.30	346
	<b>Thermal (Total)</b>	<b>8129</b>	<b>5419</b>	<b>5700</b>	<b>135.50</b>	<b>5646</b>
	Vishnuparyag HPS (IPP)	400	73	66	1.60	67
	Other Hydro	527	84	67	2.60	108
	Cogeneration	981	800	800	19.20	800
	<b>Total UP</b>	<b>10037</b>	<b>6376</b>	<b>6633</b>	<b>158.90</b>	<b>6554</b>
	Uttarakhand	Total Hydro	1398	607	339	9.70
<b>Total Uttarakhand</b>		<b>1398</b>	<b>607</b>	<b>339</b>	<b>9.70</b>	<b>404</b>
Delhi	Raighat TPS (2*67.5)	135	45	45	1.00	42
	Delhi Gas Turbine (6x30 + 3x34)	282	156	161	3.81	159
	Pragati Gas Turbine (2x104+ 1x122)	330	97	161	2.90	121
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (6*250)	1370	323	248	6.08	253
	Badarpur TPS (NTPC) (3*95+2*210)	705	313	317	9.10	379
	<b>Thermal (Total)</b>	<b>2917</b>	<b>934</b>	<b>932</b>	<b>22.88</b>	<b>953</b>
<b>Total Delhi</b>	<b>2917</b>	<b>934</b>	<b>932</b>	<b>22.88</b>	<b>953</b>	
HP	Baspa HPS (IPP) (2*150)	300	30	0	0.87	36
	Malana HPS (IPP) (2*43)	86	0	0	0.21	9
	Other Hydro	728	142	79	2.89	120
	<b>Total HP</b>	<b>1114</b>	<b>172</b>	<b>79</b>	<b>3.96</b>	<b>165</b>
J & K	Baqilhar HPS (IPP) (3*150)	450	150	120	3.27	136
	Other Hydro/IPP	436	75	20	0.98	41
	Gas/Diesel/Others	209	0	0	0.00	0
	<b>Total J &amp; K</b>	<b>1094</b>	<b>225</b>	<b>140</b>	<b>4.25</b>	<b>177</b>
<b>Total State Control Area Generation</b>		<b>39597</b>	<b>19317</b>	<b>17741</b>	<b>459.04</b>	<b>19060</b>
<b>J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]</b>			<b>2836</b>	<b>2043</b>	<b>111.16</b>	<b>4632</b>
<b>Total Regional Availability(Gross)</b>		<b>64032</b>	<b>39477</b>	<b>29025</b>	<b>853.23</b>	<b>35485</b>

#### IV. Total Hydro Generation:

Regional Entities Hydro	11432	7068	592	56.71	2363
State Control Area Hydro	5684	1538	902	35.16	1398
<b>Total Regional Hydro</b>	<b>17116</b>	<b>8606</b>	<b>1494</b>	<b>91.87</b>	<b>3761</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	100	-200	100	200	1.34	1.50	-0.16
Gwalior-Agra (D/C)	721	692	1686	0	28.17	0.00	28.17
Zerda-Kankroli	-140	-299	0	299	0.00	3.11	-3.11
Zerda-Bhinmal	-56	-201	85	201	0.00	0.82	-0.82
Malanpur-Auraiya	-115	-135	0	150	0.00	2.66	-2.66
Badod-Kota/Morak	-37	-112	0	121	0.00	1.30	-1.30
Mundra-Mohindergarh(HVDC)	2002	1998	2004	0	48.37	0.00	48.37
Vindhychal - Rihand	502	347	510	0	11.05	0.00	11.05
<b>Sub Total WR</b>	<b>2977</b>	<b>2090</b>			<b>88.92</b>	<b>9.39</b>	<b>79.53</b>
Pusauli Bypass	-435	100	100	458	1.17	4.38	-3.21
MZP- GKP (D/C)	164	-49	263	49	2.46	0.00	2.46
Patna-Balia(D/C)	-425	-625	860	0	15.16	0.00	15.16
B'Sharif-Balia (D/C)	-90	129	87	66	0.42	0.00	0.42
Pusauli-Balia	-62	46	136	46	0.60	0.00	0.60
Gaya-Fatehpur (765 Kv)	369	234	544	0	9.55	0.00	9.55
Pusauli-Sahupuri	124	135	159	0	3.02	0.00	3.02
K'nasa-Sahupuri	0	0	0	0	0.00	0.48	-0.48
Son Ngr-Rihand	-40	-42	0	47	0.00	0.93	-0.93
Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
Sasaram - Fatehpur(765 KV)	254	25	412	0	5.04	0.00	5.04
<b>Sub Total ER</b>	<b>-141</b>	<b>-47</b>			<b>37.41</b>	<b>5.79</b>	<b>31.62</b>
<b>Total IR Exch</b>	<b>2836</b>	<b>2043</b>			<b>126.34</b>	<b>15.18</b>	<b>111.16</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
26.46	0.17	26.63	11.12	-5.44	13.67	13.71	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
51.63	58.94	110.57	31.62	79.53	111.16	-20.01	20.59	0.58

**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	0.94	6.10	28.06	65.12	53.60	13.55	4.46	0.39	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				
50.33	18.03.10	49.61	9.11.00	49.96	0.12	0.10	50.20	49.83

**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	414	02:06	405	06:40	0.0	0.0	0.0	0.0
Gorakhpur	400	411	03:31	392	09:07	0.0	0.0	0.0	0.0
Bareilly	400	423	02:31	402	15:51	0.0	0.0	8.4	0.0
Kanpur	400	423	02:32	402	11:18	0.0	0.0	9.1	0.0
Dadri	400	424	02:32	403	09:05	0.0	0.0	8.6	0.0
Ballabgarh	400	430	02:02	408	09:45	0.0	0.0	35.9	0.0
Bawana	400	423	21:41	409	15:54	0.0	0.0	4.1	0.0
Bassi	400	431	05:03	400	10:14	0.0	0.0	33.7	0.0
Hissar	400	417	02:00	399	11:19	0.0	0.0	0.0	0.0
Moga	400	424	02:00	406	15:52	0.0	0.0	7.5	0.0
Abdullapur	400	427	00:00	396	05:25	0.0	0.0	62.9	0.0
Nalagarh	400	428	21:14	403	15:54	0.0	0.0	25.8	0.0
Kishenpur	400	424	13:21	391	18:36	0.0	0.0	1.5	0.0
Wagoora	400	417	13:22	363	18:36	58.7	84.3	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	02:32	740	11:20	0.0	0.5	0.0	0.0
Balia	765	786	03:30	753	10:22	0.0	0.0	0.0	0.0
Moga	765	803	02:01	768	15:53	0.0	0.0	2.7	0.0
Agra	765	797	02:32	754	09:10	0.0	0.0	0.0	0.0
Bhiwani	765	809	02:03	772	15:51	0.0	0.0	9.2	0.0
Unnao	765	772	02:39	740	11:19	0.0	1.6	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	494.07	869.36	497.81	1006.54	98.43	399.66
Pong	426.72	384.05	402.72	281.22	409.40	474.29	54.68	296.96
Tehri	829.79	740.04	802.35	656.00	804.95	704.00	36.85	221.00
Koteshwar	612.50	598.50	609.45	4.21	609.88	4.44	221.00	221.00
Chamera-I	760.00	748.75	759.19	0.00	0.00	0.00	43.09	45.73
Rihand	268.22	252.98	850.00	255.50	853.90	319.80	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	503.16	3.34	509.61	2.79	45.25	143.77

\* 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	153	0	-379	92	0	-8.62	2.59	-6.04
Delhi	-891	-38	-31	-489	360	-10	-10.96	3.52	-7.44
Haryana	-943	148	0	-939	116	0	-23.54	0.29	-23.24
HP	533	-55	0	504	-91	0	13.48	-2.74	10.74
J&K	684	-5	0	486	141	0	13.20	2.10	15.29
CHD	-31	0	0	0	15	0	-0.25	0.57	0.32
Rajasthan	487	570	2	487	467	2	15.66	16.13	31.79
UP	75	0	0	100	0	0	-1.66	0.00	-1.66
Uttarakhand	291	144	39	291	387	20	6.99	8.37	15.36
<b>Total</b>	<b>-204</b>	<b>916</b>	<b>10</b>	<b>61</b>	<b>1486</b>	<b>12</b>	<b>4.30</b>	<b>30.83</b>	<b>35.13</b>

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-328	-410	262	0	0	0
Delhi	21	-891	501	-41	-10	-31
Haryana	-939	-1067	149	-454	0	0
HP	605	479	10	-571	0	0
J&K	684	438	238	-57	0	0
CHD	0	-31	59	0	0	0
Rajasthan	843	487	1496	431	2	2
UP	134	-389	0	0	0	0
Uttarakhand	291	291	461	137	40	19

**XI. System Constraints:****XII. Grid Disturbance / Any Other Significant Event:****XIII. Weather Conditions For 20.01.2015 :**

Fog observed in most parts of NR.

**XIV. Synchronisation of new generating units :**

0.00

**XV. Synchronisation of new 220 / 400 / 765 KV lines and energising of bus / /substation :**

1. 400kV Bus-1 at Sikar first time charged at 1721 Hrs on 20.01.15

**XVI. Tripping of lines in pooling stations :****XVII. Complete generation loss in a generating station :**