

# पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पावरसिस्ट की पूर्ण स्वामित्व प्राप्त महायक कंपनी)



## उत्तरी क्षेत्रीय भार प्रेषण केंद्र

CIN: U40105DL2009GOI188682

Power Supply Position in Northern Region for 20.02.2015  
Date of Reporting : 21.02.2015

### 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
36178	1116	37295	50.04	29325	824	30148	50.10	799.6	28.28

\* 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	34.33	10.28		44.61	35.75	35.91	0.16	80.52	0.00
Haryana	53.51	0.39		53.90	56.55	55.58	-0.97	109.48	0.00
Rajasthan	129.36	4.54	5.52	139.42	73.15	75.93	2.78	215.35	0.00
Delhi	17.11			17.11	42.89	43.61	0.72	60.72	0.01
UP	144.40	3.80		148.20	93.07	89.50	-3.58	237.70	21.45
Uttarakhand		9.31		9.31	23.33	23.29	-0.04	32.60	0.13
HP		6.99		6.99	17.95	15.97	-1.98	22.96	0.20
J & K		4.99	0.00	4.99	33.54	31.79	-1.75	36.79	6.49
Chandigarh				0.00	3.71	3.45	0.27	3.45	0.00
<b>Total</b>	<b>378.70</b>	<b>40.30</b>	<b>5.52</b>	<b>424.52</b>	<b>379.94</b>	<b>375.03</b>	<b>-4.38</b>	<b>799.55</b>	<b>28.28</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	4126	0	75	-159	2967	0	-26	-276	4230
Haryana	5095	0	-41	-505	3416	0	-10	-440	6124
Rajasthan	8900	0	-170	540	8771	0	32	804	9853
Delhi	2930	0	-84	-393	1529	0	34	-958	3330
UP	10496	775	-390	61	9439	600	-249	68	11387
Uttarakhand	1656	40	51	530	1137	0	65	298	1664
HP	1083	0	-84	273	711	0	9	365	1161
J&K	1707	301	20	568	1267	224	-180	643	1774
Chandigarh	185	0	-17	0	88	0	-5	-31	185
<b>Total</b>	<b>36178</b>	<b>1116</b>	<b>-640</b>	<b>914</b>	<b>29325</b>	<b>824</b>	<b>-330</b>	<b>474</b>	<b>38046</b>

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

### 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	1926	2021	1894	47.43	1976	43.92	3.51
Rihand I STPS (2*500)	1000	907	965	704	19.61	817	18.03	1.58
Rihand II STPS (2*500)	1000	900	965	678	18.72	780	17.44	1.28
Rihand III STPS (2*500)	1000	966	990	724	20.02	834	18.95	1.07
Dadri I STPS (4*210)	840	815	608	560	14.83	618	13.85	0.98
Dadri II STPS (2*490)	980	980	826	656	17.78	741	17.37	0.41
Unchahar I TPS (2*210)	420	405	297	267	7.15	298	7.28	-0.13
Unchahar II TPS (1*220)	420	403	304	265	6.67	278	6.78	-0.12
Unchahar III TPS (1*220)	210	201	165	133	3.32	138	3.48	-0.16
ISTPP (Jhajjhar) (3*500)	1500	1500	668	671	15.69	654	17.21	-1.52
Dadri GPS (4*130.19+2*154.51)	830	846	189	152	4.34	181	4.41	-0.07
Anta GPS (3*88.71+1*153.2)	419	428	258	188	5.58	232	5.79	-0.22
Auraiya GPS (4*111.19+2*109.30)	663	510	160	121	3.60	150	3.65	-0.05
Dadri Solar	5	1	0	0	0.02	1	0.03	-0.01
Unchahar Solar	10	3	0	0	0.03	1	0.07	-0.03
Singrauli Solar	15	2	0	0	0.04	2	0	0.01
<b>Sub Total (A)</b>	<b>11312</b>	<b>10791</b>	<b>8416</b>	<b>7013</b>	<b>185</b>	<b>7701</b>	<b>178</b>	<b>7</b>
<b>B. NPC</b>								
NAPS (2*220)	440	388	418	429	9.24	385	9.31	-0.07
RAPS- B (2*220)	440	407	451	455	9.78	408	9.77	0.02
RAPS- C (2*220)	440	400	399	404	8.65	361	9.60	-0.95
<b>Sub Total (B)</b>	<b>1320</b>	<b>1195</b>	<b>1268</b>	<b>1288</b>	<b>27.68</b>	<b>1153</b>	<b>28.68</b>	<b>-1.00</b>
<b>C. NHPC</b>								
Chamera I HPS (3*180)	540	534	444	0	4.44	185	4.36	0.09
Chamera II HPS (3*100)	300	200	204	0	2.21	92	2.20	0.01
Chamera III HPS (3*77)	231	231	230	0	0.98	41	0.94	0.04
Bairasuli HPS(3*60)	180	179	183	49	2.82	117	2.66	0.16
Salal-HPS (6*115)	690	210	230	222	5.39	225	5.04	0.35
Tanakpur-HPS (3*40)	94	23	22	24	0.61	25	0.56	0.05
Uri-I HPS (4*120)	480	352	350	350	8.44	352	8.44	0.00
Uri-II HPS (4*60)	240	0	0	0	0.00	0	0.00	0.00
Dhauliganga-HPS (4*70)	280	140	139	0	0.94	39	0.90	0.04
Dulhasti-HPS (3*130)	390	258	272	0	3.14	131	3.00	0.14
Sewa-II HPS (3*40)	120	119	131	128	3.08	128	2.85	0.23
Parbati 3 (4*130)	520	203	134	0	0.95	40	0.85	0.11
<b>Sub Total (C)</b>	<b>4065</b>	<b>2449</b>	<b>2339</b>	<b>773</b>	<b>33</b>	<b>1375</b>	<b>32</b>	<b>1</b>
<b>D. SJVNL</b>								
NJPC (6*250)	1500	1350	1348	0	6.05	252	6.04	0.00
Rampur HEP (4*68.67)	275	370	150	0	1.45	60	1.68	-0.23
<b>Sub Total (D)</b>	<b>1775</b>	<b>1720</b>	<b>1498</b>	<b>0</b>	<b>7.49</b>	<b>312</b>	<b>7.72</b>	<b>-0.23</b>
<b>E. THDC</b>								
Tehri HPS (4*250)	1000	860	858	0	8.81	367	8.80	0.01
Koteshwar HPS (4*100)	400	146	299	101	3.50	146	3.50	0.00
<b>Sub Total (E)</b>	<b>1400</b>	<b>1006</b>	<b>1157</b>	<b>101</b>	<b>12.30</b>	<b>513</b>	<b>12.30</b>	<b>0.00</b>
<b>F. BBMB</b>								
Bhakra HPS (3*108+2*126+6*157)	1514	752	1138	488	17.82	742	18.06	-0.24
Dehar HPS (6*165)	990	259	330	0	6.23	260	6.21	0.02
Pong HPS (6*66)	396	83	174	0	1.87	78	1.98	-0.12
<b>Sub Total (F)</b>	<b>2900</b>	<b>1094</b>	<b>1642</b>	<b>488</b>	<b>25.91</b>	<b>1080</b>	<b>26.25</b>	<b>-0.34</b>
<b>G. IPP(s)/JV(s)</b>								
ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	0	0	0.33	14	0.31	0.01
KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	0	0	3.10	129	3.13	-0.03
Malana Stg-II HPS (2*50)	100	0	0	0	0.00	0	0.00	0.00
Shree Cement TPS (2*150)	300	0	135	110	2.97	124	3.08	-0.11
Budhil HPS(IPP)	70	0	0	0	0.15	6	0.14	0.00
<b>Sub Total (G)</b>	<b>1662</b>	<b>0</b>	<b>135</b>	<b>110</b>	<b>6.54</b>	<b>272</b>	<b>6.66</b>	<b>-0.13</b>
<b>H. Total Regional Entities (A-G)</b>	<b>24434</b>	<b>18255</b>	<b>16456</b>	<b>9771</b>	<b>297.75</b>	<b>12406</b>	<b>291.69</b>	<b>6.06</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	420	320	7.46	311
	Guru Nanak Dev TPS(Bhatinda) (4*110)	440	120	100	2.24	93
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	375	510	9.49	395
	Goindwall(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	357	354	7.85	327
	Talwandi Saboo (1*660)	660	341	339	7.29	304
	<b>Thermal (Total)</b>	<b>4680</b>	<b>1613</b>	<b>1623</b>	<b>34.33</b>	<b>1430</b>
	Total Hydro	1148	415	404	10.28	428
	<b>Total Punjab</b>	<b>5828</b>	<b>2028</b>	<b>2027</b>	<b>44.61</b>	<b>1859</b>
	Haryana	Panipat TPS (4*110+2*210+2*250)	1367	221	221	5.21
DCRTPP (Yamuna nagar) (2*300)		600	248	242	5.94	247
Faridabad GPS (NTPC)		432	195	148	4.27	178
RGTPP (khedar) (IPP) (2*600)		1200	752	733	18.66	778
Magnum Diesel (IPP)		25	0	0	0.00	0
Jhajjar(CLP) (2*660)		1320	739	739	19.43	810
<b>Thermal (Total)</b>		<b>4944</b>	<b>2155</b>	<b>2083</b>	<b>53.51</b>	<b>2229</b>
Total Hydro		62	14	13	0.39	16
<b>Total Haryana</b>		<b>5006</b>	<b>2169</b>	<b>2096</b>	<b>53.90</b>	<b>2246</b>
Rajasthan		kota TPS (2*110+2*195+3*210)	1240	1094	1097	26.37
	suratgarh TPS (6*250)	1500	1196	1148	30.24	1260
	Chabra TPS (3*250)	750	536	664	13.08	545
	Dholpur GPS (3*110)	330	111	111	2.84	118
	Ramgarh GPS (1*3 + 1*35.5 +2*37.5 +1*110 +1*50)	271	29	37	0.64	27
	RAPS A (NPC) (1*100+1*200)	300	167	155	4.17	174
	Barsingar (NLC) (2*125)	250	189	85	3.24	135
	Giral LTPS (2*125)	250	0	0	0.00	0
	Rajwest LTPS (IPP) (8*135)	1080	873	838	20.59	858
	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	1138	1213	28.18	1174
	<b>Thermal (Total)</b>	<b>8026</b>	<b>5333</b>	<b>5348</b>	<b>129</b>	<b>5390</b>
	Total Hydro	550	187	92	4.54	189
	Wind power	2798	74	402	5.10	213
	Biomass	99	17	17	0.40	17
	Solar	730	0	0	0.02	1
	Renewable/Others (Total)	3627	91	419	5.52	230
	<b>Total Rajasthan</b>	<b>12203</b>	<b>5611</b>	<b>5859</b>	<b>139.42</b>	<b>5809</b>
	UP	Anpara TPS (3*210+2*500)	1630	1383	1379	32.60
Obra TPS (2*50+2*94+5*200)		1194	348	342	8.30	346
Paricha TPS (2*110+2*220+2*250)		1140	658	684	15.50	646
Panki TPS (2*105)		210	135	135	3.20	133
Harduaganj TPS (1*60+1*105+2*250)		665	444	441	10.00	417
Tanda TPS (NTPC) (4*110)		440	390	368	8.50	354
Roza TPS (IPP) (4*300)		1200	833	792	20.30	846
Anpara-C (IPP) (2*600)		1200	810	702	19.90	829
Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)		450	367	279	6.90	288
<b>Thermal (Total)</b>		<b>8129</b>	<b>5368</b>	<b>5122</b>	<b>125.20</b>	<b>5217</b>
Vishnuparyag HPS (IPP)		400	70	67	1.60	67
Other Hydro		527	247	45	2.20	92
Cogeneration		981	800	800	19.20	800
<b>Total UP</b>		<b>10037</b>	<b>6485</b>	<b>6034</b>	<b>148.20</b>	<b>6108</b>
Uttarakhand		Total Hydro	1398	474	338	9.31
	<b>Total Uttarakhand</b>	<b>1398</b>	<b>474</b>	<b>338</b>	<b>9.31</b>	<b>388</b>
Delhi	Raighat TPS (2*67.5)	135	0	33	0.69	29
	Delhi Gas Turbine (6x30 + 3x34)	282	78	78	1.85	77
	Pragati Gas Turbine (2x104+ 1x122)	330	155	157	3.74	156
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (6*250)	1370	311	270	7.01	292
	Badarpur TPS (NTPC) (3*95+2*210)	705	164	159	3.83	159
	<b>Thermal (Total)</b>	<b>2917</b>	<b>708</b>	<b>697</b>	<b>17.11</b>	<b>713</b>
<b>Total Delhi</b>	<b>2917</b>	<b>708</b>	<b>697</b>	<b>17.11</b>	<b>713</b>	
HP	Baspa HPS (IPP) (2*150)	300	30	0	0.92	39
	Malana HPS (IPP) (2*43)	86	0	0	0.23	10
	Other Hydro	728	316	144	5.84	243
	<b>Total HP</b>	<b>1114</b>	<b>346</b>	<b>144</b>	<b>6.99</b>	<b>291</b>
J & K	Baglihar HPS (IPP) (3*150)	450	150	150	3.60	150
	Other Hydro/IPP	436	68	41	1.39	58
	Gas/Diesel/Others	209	0	0	0.00	0
	<b>Total J &amp; K</b>	<b>1094</b>	<b>218</b>	<b>191</b>	<b>4.99</b>	<b>208</b>
<b>Total State Control Area Generation</b>		<b>39597</b>	<b>18039</b>	<b>17386</b>	<b>424.52</b>	<b>17622</b>
<b>J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]</b>			<b>4963</b>	<b>3035</b>	<b>101.89</b>	<b>4245</b>
<b>Total Regional Availability(Gross)</b>		<b>64032</b>	<b>39458</b>	<b>30192</b>	<b>824.16</b>	<b>34273</b>

#### IV. Total Hydro Generation:

Regional Entities Hydro	11432	6636	1361	82.13	3422
State Control Area Hydro	5684	1901	1227	40.30	1613
<b>Total Regional Hydro</b>	<b>17116</b>	<b>8537</b>	<b>2588</b>	<b>122.43</b>	<b>5035</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	50	-500	50	500	0.29	6.00	-5.71
Gwalior-Agra (D/C)	1661	1091	2095	0	33.18	0.00	33.18
Zerda-Kankroli	-87	-346	0	362	0.00	5.39	-5.39
Zerda-Bhinmal	31	-231	40	264	0.00	2.62	-2.62
Malanpur-Auraiya	-78	-116	0	141	0.00	2.46	-2.46
Badod-Kota/Morark	-100	-184	0	196	0.00	3.23	-3.23
Mundra-Mohindergarh(HVDC)	2002	2302	2305	0	51.47	0.00	51.47
Vindhychal - Rihand	492	482	497	0	11.61	0.00	11.61
<b>Sub Total WR</b>	<b>3971</b>	<b>2498</b>			<b>96.55</b>	<b>19.70</b>	<b>76.85</b>
Pusauli Bypass	100	400	400	0	5.98	0.00	5.98
MZP- GKP (D/C)	-53	-73	197	170	0.00	0.33	-0.33
Patna-Balia(D/C)	575	356	657	0	11.73	0.00	11.73
B'Sharif-Balia (D/C)	26	-123	198	123	0.00	0.57	-0.57
Pusauli-Balia	65	-28	223	65	0.51	0.00	0.51
Gaya-Fatehpur (765 Kv)	176	73	299	0	4.35	0.00	4.35
Pusauli-Sahupuri	149	145	182	0	3.44	0.00	3.44
K'nasa-Sahupuri	0	0	0	0	0.00	0.00	0.00
Son Ngr-Rihand	-34	-42	0	-42	0.00	-0.79	0.79
Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
Sasaram - Fatehpur(765 KV)	-12	-171	86	173	0.00	0.86	-0.86
<b>Sub Total ER</b>	<b>992</b>	<b>537</b>			<b>26.02</b>	<b>0.98</b>	<b>25.04</b>
<b>Total IR Exch</b>	<b>4963</b>	<b>3035</b>			<b>122.56</b>	<b>20.68</b>	<b>101.89</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
20.89	0.12	21.01	4.22	-0.85	18.40	-0.01	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
43.85	64.90	108.75	25.04	76.85	101.89	-18.81	11.95	-6.86

**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	1.11	9.72	46.46	62.01	15.97	10.07	2.22	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				
50.31	17.05	49.72	6.45	50.00	0.07	0.09	50.32	49.91

**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	409	02:38	403	18:44	0.0	0.0	0.0	0.0
Gorakhpur	400	401	11:43	401	11:43	0.0	0.0	0.0	0.0
Bareilly	400	425	02:57	396	10:21	0.0	0.0	19.2	0.0
Kanpur	400	419	02:58	119	18:45	1.1	1.1	0.0	0.0
Dadri	400	423	03:20	406	19:03	100.0	100.0	0.0	0.0
Ballabgarh	400	428	03:00	408	18:51	0.0	0.0	31.3	0.0
Bawana	400	426	01:23	408	06:42	0.0	0.0	28.9	0.0
Bassi	400	423	20:56	395	08:14	0.0	0.0	4.7	0.0
Hissar	400	418	21:47	398	06:44	0.0	0.0	0.0	0.0
Moga	400	423	01:26	407	18:53	0.0	0.0	17.9	0.0
Abdullapur	400	425	21:31	396	06:51	0.0	0.0	11.0	0.0
Nalagarh	400	432	21:10	412	06:09	0.0	0.0	65.7	3.5
Kishenpur	400	431	02:05	397	18:36	0.0	0.0	24.3	1.0
Wagoora	400	421	03:47	368	18:36	12.7	35.2	0.5	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	03:02	754	06:41	0.0	0.0	0.0	0.0
Balia	765	778	02:53	749	18:54	0.0	0.0	0.0	0.0
Moga	765	802	21:43	769	06:23	0.0	0.0	2.6	0.0
Agra	765	793	21:46	761	06:43	0.0	0.0	0.0	0.0
Bhiwani	765	804	21:44	767	06:44	0.0	0.0	9.7	0.0
Unnao	765	774	03:00	734	18:56	0.0	5.3	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	484.81	585.65	491.89	798.09	244.66	612.18
Pong	426.72	384.05	399.24	203.01	406.55	388.64	122.50	138.78
Tehri	829.79	740.04	788.20	425.58	794.35	513.63	46.04	229.00
Koteshwar	612.50	598.50	610.56	0.00	610.66	0.00	0.00	221.00
Chamera-I	760.00	748.75	759.47	0.00	0.00	0.00	145.49	119.98
Rihand	268.22	252.98	848.50	231.70	851.80	284.70	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	500.84	3.12	508.52	2.91	116.32	139.73

\* 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	-321	46	0	-291	132	0	-7.22	4.50	-2.72
Delhi	-688	-245	-26	-476	83	0	-11.27	-0.62	-11.88
Haryana	-616	176	0	-649	144	0	-16.58	3.22	-13.36
HP	462	-96	0	432	-159	0	11.67	-3.83	7.84
J&K	643	0	0	450	117	0	12.92	1.31	14.23
CHD	-31	0	0	0	0	0	-0.24	0.07	-0.18
Rajasthan	293	509	2	293	254	-7	7.04	10.32	17.36
UP	68	0	0	61	0	0	0.57	0.00	0.57
Uttarakhand	268	8	21	268	262	0	6.34	5.00	11.33
<b>Total</b>	<b>78</b>	<b>398</b>	<b>-2</b>	<b>89</b>	<b>833</b>	<b>-7</b>	<b>3.22</b>	<b>19.97</b>	<b>23.18</b>

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-291	-321	349	3	0	0
Delhi	-244	-688	142	-245	0	-26
Haryana	-616	-832	179	-107	0	0
HP	521	432	-9	-606	0	0
J&K	643	450	195	-153	0	0
CHD	0	-31	10	0	0	0
Rajasthan	293	293	514	15	2	-58
UP	110	-95	0	0	0	0
Uttarakhand	268	252	304	-5	49	0

**XI. System Constraints:****XII. Grid Disturbance / Any Other Significant Event:****XIII. Weather Conditions For 20.02.2015 :**

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 :**