

# 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 23.03.2015  
Date of Reporting : 24.03.2015

### 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
33727	1677	35404	49.91	28408	777	29184	50.12	759.6	41.63

\* 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	33.19	8.10		41.30	47.83	47.37	-0.46	88.66	0.00
Haryana	33.16	0.39		33.56	68.34	70.98	2.64	104.54	0.01
Rajasthan	111.61	0.93	6.90	119.43	58.90	59.72	0.82	179.15	0.00
Delhi	18.63			18.63	42.06	42.34	0.28	60.98	0.13
UP	126.68	6.28		132.96	93.92	94.28	0.36	227.24	34.62
Uttarakhand		11.89		11.89	20.32	23.09	2.77	34.97	0.23
HP		9.41		9.41	13.78	13.89	0.12	23.30	0.00
J & K		7.56	0.00	7.56	30.07	29.82	-0.25	37.38	6.65
Chandigarh				0.00	3.50	3.36	0.27	3.36	0.00
<b>Total</b>	<b>323.28</b>	<b>44.56</b>	<b>6.90</b>	<b>374.74</b>	<b>378.72</b>	<b>384.85</b>	<b>6.54</b>	<b>759.59</b>	<b>41.63</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	4269	0	40	-274	3411	0	-153	-288	4269
Haryana	5034	8	10	152	2995	0	73	35	5496
Rajasthan	7062	0	-233	487	7104	0	-33	591	8117
Delhi	2928	0	-19	-297	1739	0	12	-799	3173
UP	10064	1340	-31	158	9732	515	173	108	10616
Uttarakhand	1573	40	56	452	1180	0	102	252	1731
HP	980	0	-90	-261	673	0	-32	91	1265
J&K	1634	288	79	320	1482	262	82	251	1928
Chandigarh	183	0	-3	0	91	0	-1	-10	183
<b>Total</b>	<b>33727</b>	<b>1677</b>	<b>-190</b>	<b>737</b>	<b>28408</b>	<b>777</b>	<b>223</b>	<b>231</b>	<b>36139</b>

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

Diversity is 1.02

### III. Regional Entities :

Entity	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
A. NTPC	Singrauli STPS (5*200+2*500)	2000	1937	2058	2098	50.07	2086	46.49	3.58
	Rihand I STPS (2*500)	1000	925	968	998	23.63	985	21.68	1.95
	Rihand II STPS (2*500)	1000	480	460	507	12.06	502	11.06	1.00
	Rihand III STPS (2*500)	1000	976	944	1004	24.02	1001	22.69	1.33
	Dadri I STPS (4*210)	840	815	698	576	15.53	647	14.82	0.72
	Dadri II STPS (2*490)	980	480	438	370	9.86	411	9.89	-0.03
	Unchahar I TPS (2*210)	420	405	363	298	9.33	389	9.11	0.22
	Unchahar II TPS (2*210)	420	403	367	309	9.03	376	8.77	0.27
	Unchahar III TPS (1*220)	210	201	178	149	4.46	186	4.38	0.08
	ISTPP (Jhajhar) (3*500)	1500	1500	931	766	17.90	746	19.54	-1.64
	Dadri GPS (4*130.19+2*154.51)	830	827	325	348	8.36	348	8.37	0.00
	Anta GPS (3*88.71+1*153.2)	419	161	0	0	0.00	0	0.00	0.00
	Auraiya GPS (4*111.19+2*109.30)	663	665	157	165	3.77	157	3.75	0.02
	Dadri Solar	5	1	0	0	0.03	1	0.03	0.00
	Unchahar Solar	10	3	0	0	0.04	2	0.06	-0.02
	Singrauli Solar	15	3	0	0	0.07	3	0	0.00
	<b>Sub Total (A)</b>	<b>11312</b>	<b>9781</b>	<b>7887</b>	<b>7588</b>	<b>188</b>	<b>7840</b>	<b>181</b>	<b>7</b>
B. NPC	NAPS (2*220)	440	389	422	429	9.30	388	9.34	-0.04
	RAPS- B (2*220)	440	403	443	445	9.61	400	9.67	-0.07
	RAPS- C (2*220)	440	410	441	444	9.59	399	9.84	-0.25
	<b>Sub Total (B)</b>	<b>1320</b>	<b>1202</b>	<b>1306</b>	<b>1318</b>	<b>28.49</b>	<b>1187</b>	<b>28.85</b>	<b>-0.36</b>
C. NHPC	Chamera I HPS (3*180)	540	534	550	0	5.24	218	5.13	0.10
	Chamera II HPS (3*100)	300	300	310	26	3.89	162	3.80	0.09
	Chamera III HPS (3*77)	231	231	231	0	2.16	90	2.10	0.06
	Bairasuli HPS(3*60)	180	179	180	140	3.78	157	3.66	0.12
	Salal-HPS (6*115)	690	384	460	459	9.47	395	9.21	0.26
	Tanakpur-HPS (3*40)	94	34	43	33	0.85	35	0.81	0.04
	Uri-I HPS (4*120)	480	475	475	473	11.59	483	11.40	0.19
	Uri-II HPS (4*60)	240	0	0	0	0.00	0	0.00	0.00
	Dhauliganga-HPS (4*70)	280	210	210	0	1.29	54	1.19	0.10
	Dulhasti-HPS (3*130)	390	387	407	21	3.56	148	3.30	0.26
	Sewa-II HPS (3*40)	120	122	130	130	3.09	129	2.93	0.16
	Parbati 3 (4*130)	520	260	266	0	0.99	41	0.98	0.02
	<b>Sub Total (C)</b>	<b>4065</b>	<b>3115</b>	<b>3261</b>	<b>1281</b>	<b>46</b>	<b>1913</b>	<b>45</b>	<b>1</b>
	D. SJVNL	NJPC (6*250)	1500	1605	1617	0	7.22	301	7.11
Rampur HEP (4*68.67)		275	370	370	0	1.88	78	1.83	0.05
<b>Sub Total (D)</b>		<b>1775</b>	<b>1975</b>	<b>1987</b>	<b>0</b>	<b>9.10</b>	<b>379</b>	<b>8.94</b>	<b>0.16</b>
E. THDC	Tehri HPS (4*250)	1000	576	576	0	6.65	277	6.60	0.05
	Koteshwar HPS (4*100)	400	129	201	93	2.86	119	2.90	-0.04
	<b>Sub Total (E)</b>	<b>1400</b>	<b>705</b>	<b>777</b>	<b>93</b>	<b>9.51</b>	<b>396</b>	<b>9.50</b>	<b>0.01</b>
F. BBMB	Bhakra HPS (3*108+2*126+6*157)	1514	411	807	336	10.17	424	9.87	0.30
	Dehar HPS (6*165)	990	350	495	165	8.52	355	8.41	0.11
	Pong HPS (6*66)	396	17	186	0	0.38	16	0.40	-0.02
	<b>Sub Total (F)</b>	<b>2900</b>	<b>778</b>	<b>1488</b>	<b>501</b>	<b>19.06</b>	<b>794</b>	<b>18.67</b>	<b>0.39</b>
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	83	0	0.44	18	0.42	0.02
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	738	0	3.61	150	3.60	0.01
	Malana Stg-II HPS (2*50)	100	0	0	0	0.00	0	0.00	0.00
	Shree Cement TPS (2*150)	300	0	254	89	4.14	172	5.29	-1.15
	Budhil HPS(IPP)	70	0	68	0	0.37	15	0.36	0.01
	<b>Sub Total (G)</b>	<b>1662</b>	<b>0</b>	<b>1144</b>	<b>89</b>	<b>8.55</b>	<b>356</b>	<b>9.67</b>	<b>-1.11</b>
<b>H. Total Regional Entities (A-G)</b>	<b>24434</b>	<b>17556</b>	<b>17849</b>	<b>10870</b>	<b>308.77</b>	<b>12865</b>	<b>300.83</b>	<b>7.93</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	210	210	4.16	173
	Guru Nanak Dev TPS(Bhatinda) (4*110)	440	110	105	2.31	96
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	422	326	8.63	360
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	700	665	15.68	654
	Talwandi Saboo (1*660)	660	0	330	2.41	100
	<b>Thermal (Total)</b>	<b>4680</b>	<b>1442</b>	<b>1636</b>	<b>33.19</b>	<b>1383</b>
	Total Hydro	1148	285	255	8.10	338
<b>Total Punjab</b>	<b>5828</b>	<b>1727</b>	<b>1891</b>	<b>41.30</b>	<b>1721</b>	
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00	0
	DCRTPP (Yamuna nagar) (2*300)	600	275	244	6.29	262
	Faridabad GPS (NTPC)	432	158	158	4.13	172
	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	1149	751	22.75	948
	<b>Thermal (Total)</b>	<b>4944</b>	<b>1582</b>	<b>1153</b>	<b>33.16</b>	<b>1382</b>
	Total Hydro	62	11	16	0.39	16
	<b>Total Haryana</b>	<b>5006</b>	<b>1593</b>	<b>1169</b>	<b>33.56</b>	<b>1398</b>
	Rajasthan	kota TPS (2*110+2*195+3*210)	1240	1051	1105	25.79
suratgarh TPS (6*250)		1500	929	859	24.38	1016
Chabra TPS (3*250)		750	392	446	10.30	429
Dholpur GPS (3*110)		330	116	131	3.24	135
Ramgarh GPS (1*3 + 1*35.5 +2*37.5 +1*110 +1*50)		271	66	130	2.06	86
RAPS A (NPC) (1*100+1*200)		300	170	168	4.06	169
Barsingsar (NLC) (2*125)		250	194	193	4.52	188
Giral LTPS (2*125)		250	80	80	1.57	65
Rajwest LTPS (IPP) (8*135)		1080	793	931	21.43	893
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	601	598	14.27	595
<b>Thermal (Total)</b>		<b>8026</b>	<b>4392</b>	<b>4641</b>	<b>112</b>	<b>4650</b>
Total Hydro		550	66	23	0.93	39
Wind power		2798	245	22	6.17	257
Biomass		99	26	26	0.63	26
Solar		730	0	0	0.10	4
Renewable/Others (Total)		3627	271	48	6.90	287
<b>Total Rajasthan</b>		<b>12203</b>	<b>4729</b>	<b>4712</b>	<b>119.43</b>	<b>4976</b>
UP	Anpara TPS (3*210+2*500)	1630	1370	1403	32.80	1367
	Obra TPS (2*50+2*94+5*200)	1194	469	469	11.30	471
	Paricha TPS (2*110+2*220+2*250)	1140	675	658	15.90	663
	Panki TPS (2*105)	210	63	68	1.60	67
	Harduaganj TPS (1*60+1*105+2*250)	665	234	231	5.50	229
	Tanda TPS (NTPC) (4*110)	440	389	390	9.07	378
	Roza TPS (IPP) (4*300)	1200	257	270	6.00	250
	Anpara-C (IPP) (2*600)	1200	1043	1071	25.32	1055
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	0	0	0.00	0
	<b>Thermal (Total)</b>	<b>8129</b>	<b>4500</b>	<b>4560</b>	<b>107.48</b>	<b>4478</b>
	Vishnuparyag HPS (IPP)	400	84	87	2.03	85
	Other Hydro	527	87	281	4.25	177
	Cogeneration	981	800	800	19.20	800
	<b>Total UP</b>	<b>10037</b>	<b>5471</b>	<b>5728</b>	<b>132.96</b>	<b>5455</b>
	Uttarakhand	Total Hydro	1398	503	432	11.89
<b>Total Uttarakhand</b>		<b>1398</b>	<b>503</b>	<b>432</b>	<b>11.89</b>	<b>495</b>
Delhi	Raighat TPS (2*67.5)	135	29	38	1.01	42
	Delhi Gas Turbine (6x30 + 3x34)	282	79	81	1.86	78
	Pragati Gas Turbine (2x104+ 1x122)	330	154	162	3.67	153
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (6*250)	1370	308	269	7.27	303
	Badarpur TPS (NTPC) (3*95+2*210)	705	161	163	4.82	201
	<b>Thermal (Total)</b>	<b>2917</b>	<b>732</b>	<b>713</b>	<b>18.63</b>	<b>776</b>
<b>Total Delhi</b>	<b>2917</b>	<b>732</b>	<b>713</b>	<b>18.63</b>	<b>776</b>	
HP	Baspa HPS (IPP) (2*150)	300	0	0	1.01	42
	Malana HPS (IPP) (2*43)	86	0	0	0.39	16
	Other Hydro	728	325	305	8.01	334
	<b>Total HP</b>	<b>1114</b>	<b>325</b>	<b>305</b>	<b>9.41</b>	<b>392</b>
J & K	Baqilhar HPS (IPP) (3*150)	450	294	214	6.17	257
	Other Hydro/IPP	436	65	0	1.39	58
	Gas/Diesel/Others	209	0	0	0.00	0
	<b>Total J &amp; K</b>	<b>1094</b>	<b>359</b>	<b>214</b>	<b>7.56</b>	<b>315</b>
<b>Total State Control Area Generation</b>		<b>39597</b>	<b>15439</b>	<b>15164</b>	<b>374.74</b>	<b>15529</b>
<b>J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]</b>			<b>2251</b>	<b>1568</b>	<b>95.24</b>	<b>3968</b>
<b>Total Regional Availability(Gross)</b>		<b>64032</b>	<b>35539</b>	<b>27602</b>	<b>778.74</b>	<b>32363</b>

#### IV. Total Hydro Generation:

Regional Entities Hydro	11432	8333	1875	87.62	3651
State Control Area Hydro	5684	1636	1526	44.56	1772
<b>Total Regional Hydro</b>	<b>17116</b>	<b>9969</b>	<b>3401</b>	<b>132.18</b>	<b>5423</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	-500	-500	0	500	0.00	11.21	-11.21
Gwalior-Agra (D/C)	1344	1143	1978	0	37.70	0.00	37.70
Zerda-Kankroli	-212	-336	0	336	0.00	5.56	-5.56
Zerda-Bhinmal	-206	-302	0	360	0.00	5.31	-5.31
Malanpur-Auraiya	-57	-71	0	75	0.00	1.10	-1.10
Badod-Kota/Morak	-148	-158	0	158	0.00	2.32	-2.32
Mundra-Mohindergarh(HVDC)	2297	2302	2307	0	55.62	0.00	55.62
Vindhychal - Rihand	497	500	510	0	12.02	0.00	12.02
<b>Sub Total WR</b>	<b>3015</b>	<b>2578</b>			<b>105.35</b>	<b>25.49</b>	<b>79.85</b>
Pusauli Bypass	-601	-641	0	693	0.00	14.12	-14.12
MZP- GKP (D/C)	53	-64	200	108	1.14	0.00	1.14
Patna-Balia(D/C)	-584	-608	-775	0	15.25	0.00	15.25
B'Sharif-Balia (D/C)	-53	-72	56	95	0.00	0.77	-0.77
Pusauli-Balia	-8	-10	42	11	0.09	0.00	0.09
Gaya-Fatehpur (765 Kv)	187	131	397	0	5.97	0.00	5.97
Pusauli-Sahupuri	150	180	192	0	3.81	0.00	3.81
K'nasa-Sahupuri	0	0	0	0	0.00	0.00	0.00
Son Ngr-Rihand	-40	-43	0	-46	0.00	0.87	-0.87
Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
Sasaram - Fatehpur(765 KV)	132	117	324	0	4.89	0.00	4.89
<b>Sub Total ER</b>	<b>-764</b>	<b>-1010</b>			<b>31.15</b>	<b>15.76</b>	<b>15.38</b>
<b>Total IR Exch</b>	<b>2251</b>	<b>1568</b>			<b>136.50</b>	<b>41.26</b>	<b>95.24</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
24.99	0.13	25.12	3.16	-1.63	4.02	8.74	0.54	-0.54

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
32.85	61.93	94.77	15.38	79.85	95.24	-17.46	17.93	0.46

**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	0.02	2.96	19.02	59.96	62.09	11.53	6.99	0.39	0.00

←----- 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				
50.28	18.02	49.70	0.34	49.98	0.09	0.09	50.21	49.86

**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	411	01:49	400	08:46	0.0	0.0	0.0	0.0
Gorakhpur	400	415	00:00	9999	00:00	0.0	0.0	0.0	0.0
Bareilly	400	431	02:51	403	19:12	0.0	0.0	24.2	0.2
Kanpur	400	428	02:54	404	19:14	0.0	0.0	22.1	0.0
Dadri	400	426	23:24	406	19:17	53.1	53.1	11.5	0.0
Ballabgarh	400	437	01:27	410	19:19	0.0	0.0	56.1	24.2
Bawana	400	433	01:10	408	19:06	0.0	0.0	43.5	8.1
Bassi	400	430	01:26	396	07:31	0.0	0.0	32.8	0.0
Hissar	400	426	01:10	396	06:41	0.0	0.0	19.6	0.0
Moga	400	429	01:11	405	19:11	0.0	0.0	34.5	0.0
Abdullapur	400	430	01:10	396	06:39	0.0	0.0	25.7	0.0
Nalagarh	400	436	21:32	396	10:56	0.0	0.0	44.8	21.9
Kishenpur	400	231	02:32	216	19:23	100.0	100.0	0.0	0.0
Wagoora	400	410	01:14	362	08:10	1.9	13.8	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	02:53	743	06:25	0.0	0.0	0.0	0.0
Balia	765	785	02:54	744	19:16	0.0	0.0	0.0	0.0
Moga	765	814	01:10	768	06:43	0.0	0.0	30.3	0.0
Agra	765	796	01:27	751	06:25	0.0	0.0	0.0	0.0
Bhiwani	765	0	00:00	9999	00:00	0.0	0.0	0.0	0.0
Unnao	765	777	02:52	732	19:17	0.0	12.8	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	480.50	468.02	482.80	527.87	206.37	300.41
Pong	426.72	384.05	402.30	273.51	402.81	288.96	111.57	28.32
Tehri	829.79	740.04	776.00	274.18	781.60	339.00	66.01	186.00
Koteshwar	612.50	598.50	611.20	5.10	610.25	4.69	186.00	190.00
Chamera-I	760.00	748.75	758.50	0.00	0.00	0.00	196.17	141.64
Rihand	268.22	252.98	546.50	202.20	850.30	260.30	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	507.73	4.72	511.20	1.53	184.41	136.01

\* 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	-322	34	0	-282	8	0	-7.04	1.87	-5.16
Delhi	-657	-117	-25	-463	191	-25	-11.65	2.84	-8.82
Haryana	12	24	0	20	132	0	-0.16	1.79	1.63
HP	161	-71	0	41	-303	0	3.32	-3.25	0.06
J&K	555	-304	0	333	-14	0	9.93	-3.05	6.87
CHD	0	-10	0	0	0	0	0.00	-0.06	-0.06
Rajasthan	0	589	2	0	485	2	0.00	11.44	11.44
UP	108	0	0	158	0	0	2.61	0.00	2.61
Uttarakhand	90	121	40	158	260	34	3.45	6.43	9.88
<b>Total</b>	<b>-52</b>	<b>266</b>	<b>17</b>	<b>-34</b>	<b>760</b>	<b>10</b>	<b>0.45</b>	<b>18.01</b>	<b>18.47</b>

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-277	-326	323	0	0	0
Delhi	-402	-657	726	-122	-5	-25
Haryana	20	-37	146	-275	0	0
HP	168	41	3	-527	0	0
J&K	555	333	0	-318	0	0
CHD	0	0	0	-10	0	0
Rajasthan	0	0	658	264	2	2
UP	176	51	0	0	0	0
Uttarakhand	158	90	340	110	46	25

**XI. System Constraints:****XII. Grid Disturbance / Any Other Significant Event:****XIII. Weather Conditions For 23.03.2015 :**  
Normal.**XIV. Synchronisation of new generating units :****XV. Synchronisation of new 220 / 400 / 765 KV lines and energising of bus / /substation :**  
400 Kv Bus-D at Phagi (Rajasthan) first time charged at 20.55HRS.**XVI. Tripping of lines in pooling stations :****XVII. Complete generation loss in a generating station :**