

# पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पावरसिस्ट की पूर्ण स्वामित्व प्राप्त महायुक्त कंपनी)



## उत्तरी क्षेत्रीय भार प्रेषण केंद्र

CIN: U40105DL2009GOI188682

Power Supply Position in Northern Region for 12.03.2015  
Date of Reporting : 13.03.2015

### 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
34358	1016	35374	50.01	25975	1001	26977	50.14	735.2	32.96

\* 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	28.79	6.50		35.29	48.43	48.15	-0.27	83.44	0.00
Haryana	37.21	0.63		37.85	53.33	59.26	5.94	97.11	0.00
Rajasthan	104.04	3.49	15.81	123.34	59.00	60.33	1.32	183.66	0.00
Delhi	17.87			17.87	38.97	39.31	0.33	57.17	0.03
UP	124.72	4.08		128.80	84.66	85.03	0.37	213.83	25.06
Uttarakhand		9.24		9.24	21.53	23.64	2.11	32.88	0.52
HP		7.56		7.56	15.57	16.24	0.67	23.80	0.31
J & K		7.61	0.00	7.61	30.91	32.36	1.45	39.97	7.05
Chandigarh				0.00	3.40	3.34	0.27	3.34	0.00
<b>Total</b>	<b>312.63</b>	<b>39.10</b>	<b>15.81</b>	<b>367.54</b>	<b>355.79</b>	<b>367.65</b>	<b>12.19</b>	<b>735.19</b>	<b>32.96</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	3961	0	-138	-228	2795	0	27	-306	4443
Haryana	5350	0	165	159	2563	0	167	-322	5781
Rajasthan	7796	0	-180	405	7235	0	-5	621	8533
Delhi	2705	7	-50	-359	1430	0	-40	-846	3186
UP	9897	640	-332	139	8433	730	306	118	10551
Uttarakhand	1614	40	80	459	1142	0	113	257	1694
HP	1027	6	25	-254	752	0	22	123	1306
J&K	1830	323	58	259	1538	271	130	195	1933
Chandigarh	178	0	-1	-10	88	0	-1	-20	185
<b>Total</b>	<b>34358</b>	<b>1016</b>	<b>-374</b>	<b>571</b>	<b>25975</b>	<b>1001</b>	<b>719</b>	<b>-182</b>	<b>36248</b>

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

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### III. Regional Entities :

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
<b>A. NTPC</b>								
Singrauli STPS (5*200+2*500)	2000	1455	1571	1389	34.27	1428	34.07	0.20
Rihand I STPS (2*500)	1000	910	984	736	22.09	920	20.37	1.72
Rihand II STPS (2*500)	1000	900	976	686	21.48	895	19.97	1.51
Rihand III STPS (2*500)	1000	973	1015	762	22.50	938	21.33	1.17
Dadri I STPS (4*210)	840	815	570	552	14.71	613	13.74	0.97
Dadri II STPS (2*490)	980	480	447	330	9.03	376	8.91	0.12
Unchahar I TPS (2*210)	420	405	344	277	7.57	316	8.02	-0.44
Unchahar II TPS (2*210)	420	403	177	137	4.40	183	4.53	-0.13
Unchahar III TPS (1*220)	210	201	153	132	3.67	153	3.84	-0.17
ISTPP (Jhajjar) (3*500)	1500	1500	671	617	14.91	621	16.31	-1.40
Dadri GPS (4*130.19+2*154.51)	830	835	359	425	9.60	400	9.76	-0.16
Anta GPS (3*88.71+1*1153.2)	419	418	244	251	5.98	249	5.95	0.03
Auraiya GPS (4*111.19+2*109.30)	663	660	308	343	7.68	320	7.87	-0.19
Dadri Solar	5	1	0	0	0.02	1	0.03	-0.01
Unchahar Solar	10	3	0	0	0.02	1	0.07	-0.04
Singrauli Solar	15	3	0	0	0.00	0	0	-0.07
<b>Sub Total (A)</b>	<b>11312</b>	<b>9962</b>	<b>7819</b>	<b>6637</b>	<b>178</b>	<b>7415</b>	<b>175</b>	<b>3</b>
<b>B. NPC</b>								
NAPS (2*220)	440	396	425	433	9.40	392	9.50	-0.10
RAPS-B (2*220)	440	411	447	454	9.73	405	9.86	-0.14
RAPS-C (2*220)	440	414	435	446	9.49	395	9.94	-0.45
<b>Sub Total (B)</b>	<b>1320</b>	<b>1221</b>	<b>1307</b>	<b>1333</b>	<b>28.62</b>	<b>1192</b>	<b>29.30</b>	<b>-0.68</b>
<b>C. NHPC</b>								
Chamera I HPS (3*180)	540	534	545	0	6.14	256	6.00	0.14
Chamera II HPS (3*100)	300	300	304	0	2.46	102	2.40	0.06
Chamera III HPS (3*77)	231	231	227	0	1.28	53	1.25	0.03
Bairasuli HPS(3*60)	180	179	182	61	2.55	106	2.52	0.03
Salal-HPS (6*115)	690	314	460	380	7.77	324	7.55	0.22
Tanakpur-HPS (3*40)	94	32	51	29	0.84	35	0.78	0.06
Uri-I HPS (4*120)	480	475	477	472	11.60	483	11.40	0.20
Uri-II HPS (4*60)	240	0	0	0	0.00	0	0.00	0.00
Dhauliganga-HPS (4*70)	280	210	210	0	1.03	43	0.91	0.12
Dulhasti-HPS (3*130)	390	387	405	0	2.93	122	2.80	0.13
Sewa-II HPS (3*40)	120	122	0	0	0.00	0	2.93	-2.93
Parbati 3 (4*130)	520	260	262	0	0.62	26	0.59	0.03
<b>Sub Total (C)</b>	<b>4065</b>	<b>3045</b>	<b>3123</b>	<b>942</b>	<b>37</b>	<b>1551</b>	<b>39</b>	<b>-2</b>
<b>D. SJVNL</b>								
NJPC (6*250)	1500	1605	0	0	6.77	282	6.60	0.17
Rampur HEP (4*68.67)	275	262	374	0	1.77	74	1.69	0.08
<b>Sub Total (D)</b>	<b>1775</b>	<b>1867</b>	<b>374</b>	<b>0</b>	<b>8.54</b>	<b>356</b>	<b>8.29</b>	<b>0.25</b>
<b>E. THDC</b>								
Tehri HPS (4*250)	1000	672	401	0	6.65	277	6.70	-0.05
Koteshwar HPS (4*100)	400	117	303	91	2.85	119	2.80	0.05
<b>Sub Total (E)</b>	<b>1400</b>	<b>789</b>	<b>704</b>	<b>91</b>	<b>9.50</b>	<b>396</b>	<b>9.50</b>	<b>0.00</b>
<b>F. BBMB</b>								
Bhakra HPS (3*108+2*126+6*157)	1514	430	946	295	11.07	461	10.33	0.74
Dehar HPS (6*165)	990	267	495	165	6.34	264	6.40	-0.05
Pong HPS (6*66)	396	7	120	0	0.11	5	0.16	-0.05
<b>Sub Total (F)</b>	<b>2900</b>	<b>703</b>	<b>1561</b>	<b>460</b>	<b>17.52</b>	<b>730</b>	<b>16.88</b>	<b>0.63</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	623	0	3.59	149	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	132	75	2.77	116	2.77	0.00
Budhil HPS(IPP)	70	0	0	0	0.24	10	0.29	-0.04
<b>Sub Total (G)</b>	<b>1662</b>	<b>0</b>	<b>755</b>	<b>75</b>	<b>6.93</b>	<b>289</b>	<b>6.97</b>	<b>-0.04</b>
<b>H. Total Regional Entities (A-G)</b>	<b>24434</b>	<b>17587</b>	<b>15643</b>	<b>9539</b>	<b>286.27</b>	<b>11928</b>	<b>284.90</b>	<b>1.38</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	160	160	3.86	161
	Guru Nanak Dev TPS(Bhatinda) (4*110)	440	0	0	-0.05	-2
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	164	161	3.75	156
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	580	355	12.07	503
	Talwandi Saboo (1*660)	660	350	345	9.16	381
	<b>Thermal (Total)</b>	<b>4680</b>	<b>1254</b>	<b>1021</b>	<b>28.79</b>	<b>1199</b>
	Total Hydro	1148	258	252	6.50	271
<b>Total Punjab</b>	<b>5828</b>	<b>1512</b>	<b>1273</b>	<b>35.29</b>	<b>1470</b>	
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00	0
	DCRTPP (Yamuna nagar) (2*300)	600	154	0	1.41	59
	Faridabad GPS (NTPC)	432	195	25	3.59	150
	RGTPP (khedar) (IPP) (2*600)	1200	582	371	10.19	425
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	1207	741	22.03	918
	<b>Thermal (Total)</b>	<b>4944</b>	<b>2138</b>	<b>1137</b>	<b>37.21</b>	<b>1551</b>
	Total Hydro	62	23	23	0.63	26
	<b>Total Haryana</b>	<b>5006</b>	<b>2161</b>	<b>1160</b>	<b>37.85</b>	<b>1577</b>
	Rajasthan	kota TPS (2*110+2*195+3*210)	1240	963	1024	24.80
suratgarh TPS (6*250)		1500	410	380	9.96	415
Chabra TPS (3*250)		750	870	774	19.70	821
Dholpur GPS (3*110)		330	123	121	3.12	130
Ramgarh GPS (1*3 + 1*35.5 +2*37.5 +1*110 +1*50)		271	222	220	5.46	227
RAPS A (NPC) (1*100+1*200)		300	171	154	4.11	171
Barsingar (NLC) (2*125)		250	100	97	2.24	93
Giral LTPS (2*125)		250	0	0	0.00	0
Rajwest LTPS (IPP) (8*135)		1080	962	777	20.83	868
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	600	617	13.83	576
<b>Thermal (Total)</b>		<b>8026</b>	<b>4421</b>	<b>4164</b>	<b>104</b>	<b>4335</b>
Total Hydro		550	158	89	3.49	145
Wind power		2798	348	844	14.83	618
Biomass		99	34	34	0.81	34
Solar		730	2	0	0.17	7
Renewable/Others (Total)		3627	384	878	15.81	659
<b>Total Rajasthan</b>	<b>12203</b>	<b>4963</b>	<b>5131</b>	<b>123.34</b>	<b>5139</b>	
UP	Anpara TPS (3*210+2*500)	1630	1384	1383	32.70	1363
	Obra TPS (2*50+2*94+5*200)	1194	429	460	10.30	429
	Paricha TPS (2*110+2*220+2*250)	1140	649	597	14.90	621
	Panki TPS (2*105)	210	122	131	3.00	125
	Harduaganj TPS (1*60+1*105+2*250)	665	421	365	9.40	392
	Tanda TPS (NTPC) (4*110)	440	389	320	7.95	331
	Roza TPS (IPP) (4*300)	1200	257	195	5.08	212
	Anpara-C (IPP) (2*600)	1200	1060	648	22.19	925
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	0	0	0.00	0
	<b>Thermal (Total)</b>	<b>8129</b>	<b>4711</b>	<b>4099</b>	<b>105.52</b>	<b>4397</b>
	Vishnuparyag HPS (IPP)	400	74	71	1.72	72
	Other Hydro	527	54	68	2.36	98
	Cogeneration	981	800	800	19.20	800
	<b>Total UP</b>	<b>10037</b>	<b>5639</b>	<b>5038</b>	<b>128.80</b>	<b>5295</b>
Uttarakhand	Total Hydro	1398	442	343	9.24	385
	<b>Total Uttarakhand</b>	<b>1398</b>	<b>442</b>	<b>343</b>	<b>9.24</b>	<b>385</b>
Delhi	Raighat TPS (2*67.5)	135	40	41	0.97	41
	Delhi Gas Turbine (6x30 + 3x34)	282	82	81	1.93	80
	Pragati Gas Turbine (2x104+ 1x122)	330	153	161	3.79	158
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (6*250)	1370	318	270	7.34	306
	Badarpur TPS (NTPC) (3*95+2*210)	705	154	154	3.84	160
	<b>Thermal (Total)</b>	<b>2917</b>	<b>747</b>	<b>707</b>	<b>17.87</b>	<b>744</b>
<b>Total Delhi</b>	<b>2917</b>	<b>747</b>	<b>707</b>	<b>17.87</b>	<b>744</b>	
HP	Baspa HPS (IPP) (2*150)	300	29	0	1.01	42
	Malana HPS (IPP) (2*43)	86	0	0	0.24	10
	Other Hydro	728	326	206	6.32	263
	<b>Total HP</b>	<b>1114</b>	<b>355</b>	<b>206</b>	<b>7.56</b>	<b>315</b>
J & K	Baqilhar HPS (IPP) (3*150)	450	296	218	6.14	256
	Other Hydro/IPP	436	65	0	1.46	61
	Gas/Diesel/Others	209	0	0	0.00	0
	<b>Total J &amp; K</b>	<b>1094</b>	<b>361</b>	<b>218</b>	<b>7.61</b>	<b>317</b>
<b>Total State Control Area Generation</b>		<b>39597</b>	<b>16180</b>	<b>14076</b>	<b>367.54</b>	<b>15243</b>
<b>J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]</b>			<b>4123</b>	<b>3019</b>	<b>97.75</b>	<b>4073</b>
<b>Total Regional Availability(Gross)</b>		<b>64032</b>	<b>35946</b>	<b>26634</b>	<b>751.57</b>	<b>31244</b>

#### IV. Total Hydro Generation:

Regional Entities Hydro	11432	6385	1493	76.69	3195
State Control Area Hydro	5684	1651	1199	39.10	1558
<b>Total Regional Hydro</b>	<b>17116</b>	<b>8036</b>	<b>2692</b>	<b>115.79</b>	<b>4753</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	200	300	0.80	2.21	-1.41
Gwalior-Agra (D/C)	1647	1491	1913	0	39.01	0.00	39.01
Zerda-Kankroli	-236	-432	0	459	0.00	8.39	-8.39
Zerda-Bhinmal	-171	-380	0	453	0.00	6.60	-6.60
Malanpur-Auraiya	-109	-126	0	128	0.00	2.76	-2.76
Badod-Kota/Morak	-28	-177	0	99	0.00	2.58	-2.58
Mundra-Mohindergarh(HVDC)	2001	2202	2406	0	53.63	0.00	53.63
Vindhychal - Rihand	504	297	509	0	10.29	0.00	10.29
<b>Sub Total WR</b>	<b>3408</b>	<b>2575</b>			<b>103.73</b>	<b>22.54</b>	<b>81.19</b>
Pusauli Bypass	200	200	200	0	4.81	0.00	4.81
MZP- GKP (D/C)	29	42	60	170	0.00	0.90	-0.90
Patna-Balia(D/C)	670	469	743	0	14.50	0.00	14.50
B'Sharif-Balia (D/C)	-232	-184	0	315	0.00	4.86	-4.86
Pusauli-Balia	-51	29	60	71	0.00	0.26	-0.26
Gaya-Fatehpur (765 Kv)	136	-8	243	8	3.35	0.00	3.35
Pusauli-Sahupuri	128	160	167	0	3.14	0.00	3.14
K'nasa-Sahupuri	0	0	0	0	0.48	0.48	0.00
Son Ngr-Rihand	-40	-40	0	44	0.00	0.89	-0.89
Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
Sasaram - Fatehpur(765 KV)	-125	-224	0	224	0.00	2.33	-2.33
<b>Sub Total ER</b>	<b>715</b>	<b>444</b>			<b>26.27</b>	<b>9.72</b>	<b>16.56</b>
<b>Total IR Exch</b>	<b>4123</b>	<b>3019</b>			<b>130.00</b>	<b>32.25</b>	<b>97.75</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
17.51	0.17	17.68	5.41	-2.08	0.87	4.93	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
24.17	66.91	91.08	16.56	81.19	97.75	-7.61	14.28	6.67

**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	0.09	0.33	8.15	47.22	66.19	18.51	6.85	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				
50.23	7.06	49.65	19.39	50.00	0.05	0.07	50.23	49.93

**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	01:44	398	18:53	0.0	0.0	0.0	0.0
Gorakhpur	400	410	01:59	399	06:39	0.0	0.0	0.0	0.0
Bareilly	400	428	03:10	399	19:49	0.0	0.0	19.1	0.0
Kanpur	400	418	13:00	402	19:13	0.0	0.0	0.0	0.0
Dadri	400	420	13:02	410	10:38	77.1	77.1	0.0	0.0
Ballabgarh	400	434	02:57	410	06:41	0.0	0.0	45.5	12.6
Bawana	400	431	02:28	407	06:43	0.0	0.0	35.5	1.4
Bassi	400	425	05:01	402	06:54	0.0	0.0	15.9	0.0
Hissar	400	422	02:57	396	06:54	0.0	0.0	1.5	0.0
Moga	400	428	02:55	406	06:56	0.0	0.0	32.3	0.0
Abdullapur	400	432	03:02	396	06:50	0.0	0.0	19.4	0.1
Nalagarh	400	434	01:19	398	23:35	0.0	0.0	50.2	13.3
Kishenpur	400	230	13:03	214	19:02	100.0	100.0	0.0	0.0
Wagoora	400	415	13:03	373	19:17	4.9	22.6	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	779	02:30	737	06:41	0.0	3.0	0.0	0.0
Balia	765	763	00:00	763	00:00	0.0	0.0	0.0	0.0
Moga	765	810	02:57	768	06:51	0.0	0.0	19.2	0.0
Agra	765	792	02:34	751	06:40	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	767	03:01	725	19:38	0.8	33.5	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	481.59	495.33	486.18	619.14	221.98	338.58
Pong	426.72	384.05	401.34	252.05	404.14	320.26	124.28	11.64
Tehri	829.79	740.04	780.60	328.01	786.20	401.22	42.28	181.00
Koteshwar	612.50	598.50	610.82	5.20	610.53	4.95	181.00	189.00
Chamera-I	760.00	748.75	756.80	0.00	0.00	0.00	158.86	165.89
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	505.36	3.15	509.30	2.29	206.23	140.64

\* 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	15	0	-284	56	0	-7.02	1.78	-5.23
Delhi	-711	-133	-3	-477	132	-15	-12.18	0.90	-11.28
Haryana	26	-348	0	34	125	0	0.14	-2.61	-2.47
HP	287	-164	0	90	-343	0	5.86	-4.82	1.04
J&K	552	-357	0	331	-72	0	9.90	-3.85	6.05
CHD	0	-20	0	0	-10	0	0.00	-0.18	-0.18
Rajasthan	0	630	-9	0	442	-37	0.00	10.99	10.99
UP	118	0	0	139	0	0	2.49	0.00	2.49
Uttarakhand	89	168	0	156	253	49	3.42	6.05	9.47
<b>Total</b>	<b>39</b>	<b>-209</b>	<b>-12</b>	<b>-10</b>	<b>584</b>	<b>-3</b>	<b>2.61</b>	<b>8.27</b>	<b>10.88</b>

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-275	-323	326	0	0	0
Delhi	-415	-711	358	-173	-2	-15
Haryana	34	-22	160	-393	0	0
HP	293	90	3	-641	0	0
J&K	552	331	0	-357	0	0
CHD	0	0	0	-31	0	0
Rajasthan	0	0	633	-75	2	-60
UP	169	33	0	0	0	0
Uttarakhand	156	89	348	33	49	0

**XI. System Constraints:****XII. Grid Disturbance / Any Other Significant Event:****XIII. Weather Conditions For 12.03.2015 :****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 :**