

# पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पावरसिड की पूर्ण स्वामित्व प्राप्त महायुक्त कंपनी)



## उत्तरी क्षेत्रीय भार प्रेषण केंद्र

CIN: U40105DL2009GOI188682

Power Supply Position in Northern Region for 13.04.2015  
Date of Reporting : 14.04.2015

### 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
34321	2885	37206	50.10	27282	678	27960	50.07	709.9	34.69

\* 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	29.64	4.28		33.92	58.15	58.77	0.62	92.70	0.00
Haryana	21.78	0.56		22.34	70.73	70.64	-0.09	92.97	0.00
Rajasthan	82.37	0.68	10.00	93.04	49.59	50.18	0.59	143.22	0.00
Delhi	15.22			15.22	52.79	52.77	-0.02	67.99	0.04
UP	122.30	5.50		127.80	86.64	87.51	0.87	215.31	26.59
Uttarakhand		10.61		10.61	20.50	22.69	2.19	33.30	0.68
HP		11.05		11.05	12.86	12.72	-0.15	23.76	0.00
J & K		13.03	0.00	13.03	24.16	23.92	-0.24	36.95	7.39
Chandigarh				0.00	3.77	3.69	0.27	3.69	0.00
<b>Total</b>	<b>271.31</b>	<b>45.70</b>	<b>10.00</b>	<b>327.01</b>	<b>379.20</b>	<b>382.89</b>	<b>4.04</b>	<b>709.89</b>	<b>34.69</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	4722	0	117	103	3515	0	83	280	4722
Haryana	5667	0	-2	387	2922	0	-76	78	5667
Rajasthan	6597	0	61	427	5424	0	148	426	6790
Delhi	3303	0	81	-124	2260	0	-17	-354	3332
UP	9412	2470	-6	213	9716	390	352	140	9822
Uttarakhand	1610	75	57	390	1173	0	91	258	1610
HP	1122	0	-2	-482	723	0	9	5	1210
J&K	1702	340	-101	-75	1442	288	60	-126	1824
Chandigarh	187	0	-6	0	108	0	-8	0	187
<b>Total</b>	<b>34321</b>	<b>2885</b>	<b>200</b>	<b>838</b>	<b>27282</b>	<b>678</b>	<b>641</b>	<b>708</b>	<b>34321</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 Capacity(MW)	Peak MW	Off Peak MW	Energy	Average	Schedule	UI
		(Effective) MW		(Gross)	(Gross)	(Net MU)	Sentout(MW)	Net MU	Net MU
A. NTPC	Singrauli STPS (5*200+2*500)	2000	1610	1975	1779	40.23	1676	37.52	2.72
	Rihand I STPS (2*500)	1000	876	870	702	19.93	830	18.18	1.75
	Rihand II STPS (2*500)	1000	477	503	368	10.64	444	9.64	1.01
	Rihand III STPS (2*500)	1000	970	864	730	20.46	853	19.23	1.23
	Dadri I STPS (4*210)	840	815	681	607	15.81	659	14.90	0.91
	Dadri II STPS (2*490)	980	980	693	698	16.69	695	16.52	0.17
	Unchahar I TPS (2*210)	420	405	250	265	5.95	248	6.89	-0.94
	Unchahar II TPS (2*210)	420	401	244	231	5.62	234	6.74	-1.12
	Unchahar III TPS (1*220)	210	0	0	0	0.00	0	0.00	0.00
	ISTPP (Jhajjar) (3*500)	1500	1500	858	611	14.27	595	15.15	-0.88
	Dadri GPS (4*130.19+2*154.51)	830	815	405	412	9.65	402	9.66	-0.01
	Anta GPS (3*88.71+1*153.2)	419	251	0	0	0.00	0	0.18	-0.18
	Auraiya GPS (4*111.19+2*109.30)	663	656	165	167	3.99	166	3.90	0.09
	Dadri Solar	5	1	0	0	0.02	1	0.03	-0.01
	Unchahar Solar	10	3	0	0	0.02	1	0.06	-0.04
	Singrauli Solar	15	3	0	0	0.02	1	0.07	-0.05
	KHEP	400	0	0	0	0.00	0	0.00	0.00
	<b>Sub Total (A)</b>	<b>11712</b>	<b>9763</b>	<b>7508</b>	<b>6570</b>	<b>163</b>	<b>6805</b>	<b>159</b>	<b>5</b>
	B. NPC	NAPS (2*220)	440	399	434	443	9.52	397	9.58
RAPS- B (2*220)		440	410	428	430	9.20	383	9.41	-0.21
RAPS- C (2*220)		440	410	215	453	7.97	332	9.84	-1.87
<b>Sub Total (B)</b>		<b>1320</b>	<b>1219</b>	<b>1077</b>	<b>1326</b>	<b>26.69</b>	<b>1112</b>	<b>28.83</b>	<b>-2.13</b>
C. NHPC	Chamera I HPS (3*180)	540	534	535	0	8.98	374	8.80	0.18
	Chamera II HPS (3*100)	300	300	306	101	4.86	202	4.71	0.15
	Chamera III HPS (3*77)	231	231	228	0	2.95	123	2.89	0.06
	Bairasuil HPS(3*60)	180	179	180	60	3.35	140	3.22	0.13
	Salal-HPS (6*115)	690	497	570	568	12.56	523	12.03	0.53
	Tanakpur-HPS (3*40)	94	40	45	36	1.00	42	0.95	0.05
	Uri-I HPS (4*120)	480	475	476	473	11.58	482	11.40	0.18
	Uri-II HPS (4*60)	240	0	0	0	0.00	0	0.00	0.00
	Dhauliganga-HPS (4*70)	280	166	140	0	1.75	73	1.70	0.05
	Dulhasti-HPS (3*130)	390	387	408	0	5.43	226	5.20	0.23
	Sewa-II HPS (3*40)	120	108	129	129	2.67	111	2.62	0.04
	Parbati 3 (4*130)	520	282	103	0	1.00	41	0.96	0.04
	<b>Sub Total (C)</b>	<b>4065</b>	<b>3199</b>	<b>3120</b>	<b>1367</b>	<b>56</b>	<b>2338</b>	<b>54</b>	<b>2</b>
	D.SJVNL	NJPC (6*250)	1500	1605	1412	0	11.10	463	10.94
Rampur HEP (6*68.67)		412	430	394	0	3.14	131	3.04	0.10
<b>Sub Total (D)</b>		<b>1912</b>	<b>2035</b>	<b>1806</b>	<b>0</b>	<b>14.25</b>	<b>594</b>	<b>13.98</b>	<b>0.27</b>
E. THDC	Tehri HPS (4*250)	1000	531	536	0	7.17	299	7.10	0.07
	Koteswar HPS (4*100)	400	129	390	90	3.13	130	3.10	0.03
	<b>Sub Total (E)</b>	<b>1400</b>	<b>660</b>	<b>926</b>	<b>90</b>	<b>10.30</b>	<b>429</b>	<b>10.20</b>	<b>0.10</b>
F. BBMB	Bhakra HPS (3*108+2*126+6*157)	1514	356	637	323	8.53	356	8.55	-0.02
	Dehar HPS (6*165)	990	448	495	435	10.63	443	10.75	-0.12
	Pong HPS (6*66)	396	30	186	0	0.71	30	0.73	-0.02
	<b>Sub Total (F)</b>	<b>2900</b>	<b>834</b>	<b>1318</b>	<b>758</b>	<b>19.87</b>	<b>828</b>	<b>20.02</b>	<b>-0.15</b>
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	29	27	0.64	27	0.61	0.04
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	880	0	6.01	250	6.12	-0.11
	Malana Stg-II HPS (2*50)	100	0	15	15	0.48	20	0.45	0.03
	Shree Cement TPS (2*150)	300	0	268	299	6.49	270	6.51	-0.02
	Budhil HPS(IPP)	70	0	71	0	0.65	27	0.63	0.02
	<b>Sub Total (G)</b>	<b>1662</b>	<b>0</b>	<b>1263</b>	<b>340</b>	<b>14.27</b>	<b>595</b>	<b>14.31</b>	<b>-0.04</b>
<b>H. Total Regional Entities (A-G)</b>	<b>24972</b>	<b>17711</b>	<b>17017</b>	<b>10452</b>	<b>304.81</b>	<b>12700</b>	<b>300.47</b>	<b>4.34</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	190	320	5.67	236	
	Guru Nanak Dev TPS(Bhatinda) (4*110)	440	0	0	-0.07	-3	
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	374	360	8.58	357	
	Goindwal(GVK)		0	0	0.00	0	
	Rajpura (2*700)	1400	360	353	7.94	331	
	Talwandi Saboo (1*660)	660	341	341	7.53	314	
	<b>Thermal (Total)</b>	<b>4680</b>	<b>1265</b>	<b>1374</b>	<b>29.64</b>	<b>1235</b>	
	Total Hydro	1148	251	101	4.28	178	
	<b>Total Punjab</b>	<b>5828</b>	<b>1516</b>	<b>1475</b>	<b>33.92</b>	<b>1413</b>	
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00	0	
	DCRTPP (Yamuna nagar) (2*300)	600	506	502	11.70	487	
	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	482	374	10.08	420	
	<b>Thermal (Total)</b>	<b>4944</b>	<b>988</b>	<b>876</b>	<b>21.78</b>	<b>907</b>	
	Total Hydro	62	21	23	0.56	23	
	<b>Total Haryana</b>	<b>5006</b>	<b>1009</b>	<b>899</b>	<b>22.34</b>	<b>931</b>	
	Rajasthan	kota TPS (2*110+2*195+3*210)	1240	362	367	7.86	328
		suratgarh TPS (6*250)	1500	185	197	4.42	184
Chabra TPS (4*250)		1000	518	358	12.42	517	
Dholpur GPS (3*110)		330	0	0	0.00	0	
Ramgarh GPS (1*37.5 + 1*35.5 +2*37.5 +1*110 +1*50)		271	181	185	4.59	191	
RAPS A (NPC) (1*100+1*200)		300	0	0	0.00	0	
Barsingsar (NLC) (2*125)		250	159	170	3.84	160	
Giral LTPS (2*125)		250	86	85	1.70	71	
Rajwest LTPS (IPP) (8*135)		1080	624	447	15.68	653	
VS LIGNITE LTPS (IPP) (1*135)		135	0	0	0.00	0	
Kalisindh Thermal(1*600)		600	420	320	9.97	415	
Kawai(Adani) (2*660)		1320	881	880	21.89	912	
<b>Thermal (Total)</b>		<b>8276</b>	<b>3416</b>	<b>3009</b>	<b>82</b>	<b>3432</b>	
Total Hydro		550	55	22	0.68	28	
Wind power		2798	408	410	9.24	385	
Biomass		99	32	32	0.76	32	
Solar		730	0	0	0.00	0	
Renewable/Others (Total)		3627	440	442	10.00	417	
<b>Total Rajasthan</b>		<b>12453</b>	<b>3911</b>	<b>3473</b>	<b>93.04</b>	<b>3877</b>	
UP		Anpara TPS (3*210+2*500)	1630	1381	1373	32.60	1358
	Obra TPS (2*50+2*94+5*200)	1194	467	441	10.40	433	
	Paricha TPS (2*110+2*220+2*250)	1140	593	670	14.60	608	
	Panki TPS (2*105)	210	41	63	1.30	54	
	Harduaganj TPS (1*60+1*105+2*250)	665	158	216	4.30	179	
	Tanda TPS (NTPC) (4*110)	440	283	385	7.50	313	
	Roza TPS (IPP) (4*300)	1200	572	801	15.00	625	
	Anpara-C (IPP) (2*600)	1200	868	1088	22.20	925	
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	0	0	0.00	4496	
	Anpara-D	500	0	0	0.00	0	
	<b>Thermal (Total)</b>	<b>8629</b>	<b>4363</b>	<b>5037</b>	<b>108</b>	<b>8992</b>	
	Vishnuparyag HPS (IPP)	400	108	95	2.40	100	
	Other Hydro	527	217	218	3.10	129	
	Cogeneration	981	600	600	14.40	600	
	<b>Total UP</b>	<b>10537</b>	<b>5288</b>	<b>5950</b>	<b>127.80</b>	<b>9721</b>	
	Uttarakhand	Total Hydro	1398	492	406	10.61	442
<b>Total Uttarakhand</b>		<b>1398</b>	<b>492</b>	<b>406</b>	<b>10.61</b>	<b>442</b>	
Delhi	Rajghat TPS (2*67.5)	135	0	0	-0.02	-1	
	Delhi Gas Turbine (6x30 + 3x34)	282	78	83	1.91	80	
	Pragati Gas Turbine (2x104+ 1x122)	330	155	156	3.72	155	
	Rithala GPS (3*36)	95	0	0	0.00	0	
	Bawana GPS (6*250)	1370	238	272	5.79	241	
	Badarpur TPS (NTPC) (3*95+2*210)	705	186	185	3.83	160	
	<b>Thermal (Total)</b>	<b>2917</b>	<b>657</b>	<b>696</b>	<b>15.22</b>	<b>634</b>	
<b>Total Delhi</b>	<b>2917</b>	<b>657</b>	<b>696</b>	<b>15.22</b>	<b>634</b>		
HP	Baspa HPS (IPP) (2*150)	300	29	0	1.09	46	
	Malana HPS (IPP) (2*43)	86	23	0	0.58	24	
	Other Hydro	728	398	378	9.38	391	
	<b>Total HP</b>	<b>1114</b>	<b>450</b>	<b>378</b>	<b>11.05</b>	<b>460</b>	
J & K	Baglihar HPS (IPP) (3*150)	450	440	442	10.28	428	
	Other Hydro/IPP	436	137	123	2.75	115	
	Gas/Diesel/Others	209	0	0	0.00	0	
	<b>Total J &amp; K</b>	<b>1094</b>	<b>577</b>	<b>565</b>	<b>13.03</b>	<b>543</b>	
<b>Total State Control Area Generation</b>		<b>40347</b>	<b>13900</b>	<b>13842</b>	<b>327.01</b>	<b>18021</b>	
<b>J. Net Inter Regional Exchange</b> [Import (+ve)/Export (-ve)]			<b>4747</b>	<b>3891</b>	<b>102.50</b>	<b>4271</b>	
<b>Total Regional Availability(Gross)</b>		<b>65319</b>	<b>35664</b>	<b>28184</b>	<b>734.32</b>	<b>34992</b>	

#### IV. Total Hydro Generation:

Regional Entities Hydro	11969	8094	2257	107.663246	4486
State Control Area Hydro	5684	2063	1713	45.70	1804
<b>Total Regional Hydro</b>	<b>17654</b>	<b>10157</b>	<b>3970</b>	<b>153.36</b>	<b>6290</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	50	-150	250	300	0.80	2.56	-1.76
Gwalior-Agra (D/C)	1930	1630	2005	0	38.18	0.00	38.18
Zerda-Kankroli	-14	-256	0	371	0.00	5.22	-5.22
Zerda-Bhinmal	-16	-211	0	354	0.00	4.51	-4.51
Malanpur-Auraiya	-94	-45	0	98	0.00	1.37	-1.37
Badod-Kota/Morak	69	-10	84	41	0.02	0.00	0.02
Mundra-Mohindergarh(HVDC)	2202	2199	2206	0	53.20	0.00	53.20
Vindhychal - Rihand	401	473	501	0	11.02	0.00	11.02
<b>Sub Total WR</b>	<b>4528</b>	<b>3630</b>			<b>103.21</b>	<b>13.66</b>	<b>89.55</b>
Pusauli Bypass	100	100	100	0	2.44	0.00	2.44
MZP- GKP (D/C)	60	-149	183	66	1.90	0.00	1.90
Patna-Balia(D/C)	40	129	370	0	4.40	0.00	4.40
B'Sharif-Balia (D/C)	-65	36	82	94	0.00	0.01	-0.01
Pusauli-Balia	-25	76	120	38	0.48	0.00	0.48
Gaya-Fatehpur (765 Kv)	99	23	166	21	2.12	0.00	2.12
Pusauli-Sahupuri	114	199	205	0	3.82	0.00	3.82
K'nasa-Sahupuri	0	0	0	0	0.48	0.48	0.00
Son Ngr-Rihand	-40	-40	0	44	0.00	0.93	-0.93
Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
Sasaram - Fatehpur(765 KV)	-64	-113	20	167	0.00	1.27	-1.27
<b>Sub Total ER</b>	<b>219</b>	<b>261</b>			<b>15.64</b>	<b>2.69</b>	<b>12.95</b>
<b>Total IR Exch</b>	<b>4747</b>	<b>3891</b>			<b>118.85</b>	<b>16.35</b>	<b>102.50</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
19.98	0.30	20.28	0.29	-1.75	8.90	3.41	0.80	-0.80

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
30.27	63.90	94.18	12.95	89.55	102.50	-17.32	25.65	8.33

**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	0.20	6.02	46.73	73.25	17.44	3.19	0.15	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					
50.23	13.05	49.77	19.28	50.00	0.04	0.06	50.20	49.92

**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	408	01:02	400	19:41	0.0	0.0	0.0	0.0
Gorakhpur	400	415	13:06	401	19:27	0.0	0.0	0.0	0.0
Bareilly	400	419	13:26	401	19:20	0.0	0.0	0.0	0.0
Kanpur	400	422	13:28	404	19:20	0.0	0.0	1.1	0.0
Dadri	400	424	02:21	406	19:22	0.0	0.0	19.5	0.0
Ballabgarh	400	430	03:40	409	19:19	0.0	0.0	58.5	0.0
Bawana	400	426	03:27	405	19:27	0.0	0.0	35.8	0.0
Bassi	400	428	02:29	407	08:54	0.0	0.0	51.3	0.0
Hissar	400	418	03:45	394	19:27	0.0	0.0	0.0	0.0
Moga	400	424	02:40	403	19:25	0.0	0.0	16.4	0.0
Abdullapur	400	427	13:04	396	05:50	0.0	0.0	53.2	0.0
Nalagarh	400	435	02:29	385	18:43	0.0	0.6	53.9	15.0
Kishenpur	400	NA	NA	NA	NA	NA	NA	0.0	0.0
Wagooora	400	419	15:22	382	19:47	0.0	23.7	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	784	17:52	748	19:27	0.0	0.0	0.0	0.0
Balia	765	780	18:01	748	19:46	0.0	0.0	0.0	0.0
Moga	765	804	03:40	765	19:27	0.0	0.0	9.7	0.0
Agra	765	794	18:03	759	09:11	0.0	0.0	0.0	0.0
Bhiwani	765	803	03:39	770	19:27	0.0	0.0	5.0	0.0
Unnao	765	763	18:01	735	19:25	0.0	19.8	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 (m³/s)	Usage (m³/s)
Bhakra	513.59	445.62	481.67	459.33	482.04	503.43	352.01	250.72
Pong	426.72	384.05	403.89	312.39	402.12	266.33	124.88	51.14
Tehri	829.79	740.04	768.45	194.00	769.90	207.27	76.00	211.00
Koteswar	612.50	598.50	611.00	5.46	610.70	4.95	211.00	208.00
Chamera-I	760.00	748.75	755.58	0.00	0.00	0.00	247.36	242.96
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	515.88	1.66	515.43	2.73	254.48	75.57

\* 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	435	0	-155	258	0	-3.71	8.94	5.23
Delhi	-216	-97	-41	-216	93	0	-5.19	0.89	-4.30
Haryana	268	-189	0	264	123	0	6.37	0.43	6.80
HP	99	-93	0	-104	-378	0	1.15	-4.78	-3.63
J&K	-70	-56	0	-70	-5	0	-1.69	-0.35	-2.04
CHD	0	0	0	0	0	0	0.00	0.04	0.04
Rajasthan	-125	551	0	-121	546	2	-2.94	11.13	8.19
UP	140	0	0	213	0	0	4.10	0.00	4.10
Uttarakhand	147	62	49	147	235	8	3.53	4.52	8.05
<b>Total</b>	<b>88</b>	<b>612</b>	<b>8</b>	<b>-42</b>	<b>870</b>	<b>10</b>	<b>1.62</b>	<b>20.82</b>	<b>22.44</b>

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-155	-155	438	258	0	0
Delhi	-216	-216	273	-133	0	-41
Haryana	268	264	134	-378	0	0
HP	99	-104	-40	-580	0	0
J&K	-70	-70	103	-106	0	0
CHD	0	0	20	-20	0	0
Rajasthan	-121	-125	568	86	2	-56
UP	213	135	0	0	0	0
Uttarakhand	147	147	236	62	49	0

**XI. System Constraints:****XII. Grid Disturbance / Any Other Significant Event:****XIII. Weather Conditions For 13.04.2015 :**

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 :**