

# पावर 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 09.04.2015**  
Date of Reporting : 10.04.2015

### 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
35290	2271	37560	50.02	28602	1321	29923	50.09	727.9	41.82

\* 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	28.34	4.32		32.65	54.62	54.21	-0.41	86.86	0.00
Haryana	25.19	0.55		25.74	73.21	71.51	-1.69	97.25	0.00
Rajasthan	87.49	0.46	8.13	96.08	58.62	59.30	0.68	155.37	0.00
Delhi	16.07			16.07	51.39	51.65	0.26	67.73	0.03
UP	125.80	5.81		131.61	95.44	92.83	-2.61	224.44	30.95
Uttarakhand		10.25		10.25	16.87	19.26	2.39	29.51	3.16
HP		10.66		10.66	13.05	13.58	0.53	24.24	0.00
J & K		13.50	0.00	13.50	23.40	25.46	2.05	38.96	7.68
Chandigarh				0.00	3.59	3.57	0.27	3.57	0.00
<b>Total</b>	<b>282.89</b>	<b>45.55</b>	<b>8.13</b>	<b>336.57</b>	<b>390.19</b>	<b>391.36</b>	<b>1.47</b>	<b>727.93</b>	<b>41.82</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	4366	0	-102	-150	3059	0	0	280	4366
Haryana	5724	0	-91	396	3249	0	-15	334	5724
Rajasthan	7272	0	11	427	5991	0	86	-208	7272
Delhi	3298	0	-66	-243	2175	0	54	-520	3402
UP	9965	1690	-408	213	10420	1050	212	140	10558
Uttarakhand	1492	225	189	181	1260	0	181	276	1567
HP	1156	0	-32	-476	806	0	16	-10	1313
J&K	1832	356	153	-123	1541	271	165	-126	1874
Chandigarh	185	0	12	-20	100	0	-9	-25	185
<b>Total</b>	<b>35290</b>	<b>2271</b>	<b>-334</b>	<b>206</b>	<b>28602</b>	<b>1321</b>	<b>689</b>	<b>141</b>	<b>35290</b>

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

Diversity is 1.03

### 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	1730	1879	1872	44.82	1867	41.49	3.32
	Rihand I STPS (2*500)	1000	795	833	967	20.99	875	19.03	1.96
	Rihand II STPS (2*500)	1000	480	511	520	12.39	516	11.48	0.91
	Rihand III STPS (2*500)	1000	958	1015	1016	23.94	998	22.79	1.15
	Dadri I STPS (4*210)	840	815	600	600	15.28	637	14.38	0.90
	Dadri II STPS (2*490)	980	980	756	654	17.90	746	17.41	0.49
	Unchahar I TPS (2*210)	420	405	420	319	9.08	378	8.81	0.27
	Unchahar II TPS (2*210)	420	401	406	393	9.47	394	9.02	0.44
	Unchahar III TPS (1*220)	210	0	0	0	0.00	0	0.00	0.00
	ISTPP (Jhajjar) (3*500)	1500	1500	791	714	15.62	651	16.73	-1.10
	Dadri GPS (4*130.19+2*154.51)	830	815	147	173	3.94	164	3.95	-0.01
	Anta GPS (3*88.71+1*153.2)	419	172	0	0	0.00	0	0.00	0.00
	Auraiya GPS (4*111.19+2*109.30)	663	654	160	155	3.76	157	3.82	-0.05
	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	0.01	0	0.07	-0.06
	KHEP	400	0	0	0	0.00	0	0.00	0.00
<b>Sub Total (A)</b>	<b>11712</b>	<b>9711</b>	<b>7518</b>	<b>7383</b>	<b>177</b>	<b>7386</b>	<b>169</b>	<b>8</b>	
B. NPC	NAPS (2*220)	440	405	432	440	9.56	398	9.72	-0.17
	RAPS- B (2*220)	440	394	444	448	9.61	400	9.41	0.20
	RAPS- C (2*220)	440	410	440	445	9.65	402	9.84	-0.20
	<b>Sub Total (B)</b>	<b>1320</b>	<b>1209</b>	<b>1316</b>	<b>1333</b>	<b>28.81</b>	<b>1200</b>	<b>28.97</b>	<b>-0.16</b>
C. NHPC	Chamera I HPS (3*180)	540	534	551	547	13.07	545	12.81	0.26
	Chamera II HPS (3*100)	300	300	303	101	4.57	190	4.40	0.17
	Chamera III HPS (3*77)	231	231	228	0	2.53	106	2.44	0.09
	Bairasuil HPS(3*60)	180	179	180	80	2.93	122	2.71	0.21
	Salal-HPS (6*115)	690	508	570	575	12.55	523	12.31	0.24
	Tanakpur-HPS (3*40)	94	38	62	46	1.01	42	0.94	0.07
	Uri-I HPS (4*120)	480	475	473	475	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	208	0	1.54	64	1.50	0.04
	Dulhasti-HPS (3*130)	390	387	407	0	5.70	237	5.50	0.20
	Sewa-II HPS (3*40)	120	119	131	130	3.09	129	2.86	0.23
	Parbati 3 (4*130)	520	260	132	0	0.87	36	0.85	0.03
	<b>Sub Total (C)</b>	<b>4065</b>	<b>3242</b>	<b>3244</b>	<b>1954</b>	<b>59</b>	<b>2477</b>	<b>58</b>	<b>2</b>
	D.SJVNL	NJPC (6*250)	1500	1605	1284	0	9.06	378	8.89
Rampur HEP (6*68.67)		412	430	350	0	2.56	107	2.46	0.10
<b>Sub Total (D)</b>		<b>1912</b>	<b>2035</b>	<b>1634</b>	<b>0</b>	<b>11.62</b>	<b>484</b>	<b>11.35</b>	<b>0.27</b>
E. THDC	Tehri HPS (4*250)	1000	543	543	0	7.32	305	7.20	0.12
	Koteswar HPS (4*100)	400	117	300	0	2.85	119	2.80	0.05
	<b>Sub Total (E)</b>	<b>1400</b>	<b>660</b>	<b>843</b>	<b>0</b>	<b>10.17</b>	<b>424</b>	<b>10.00</b>	<b>0.17</b>
F. BBMB	Bhakra HPS (3*108+2*126+6*157)	1514	362	477	344	8.52	355	8.69	-0.17
	Dehar HPS (6*165)	990	444	495	420	10.52	438	10.67	-0.14
	Pong HPS (6*66)	396	31	186	0	0.81	34	0.74	0.07
	<b>Sub Total (F)</b>	<b>2900</b>	<b>838</b>	<b>1158</b>	<b>764</b>	<b>19.86</b>	<b>827</b>	<b>20.10</b>	<b>-0.25</b>
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	26	21	0.54	22	0.61	-0.07
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	850	0	4.57	190	4.56	0.01
	Malana Stg-II HPS (2*50)	100	0	0	0	0.32	13	0.30	0.01
	Shree Cement TPS (2*150)	300	0	284	298	7.03	293	7.04	-0.02
	Budhil HPS(IPP)	70	0	70	0	0.52	22	0.56	-0.04
	<b>Sub Total (G)</b>	<b>1662</b>	<b>0</b>	<b>1230</b>	<b>319</b>	<b>12.97</b>	<b>540</b>	<b>13.07</b>	<b>-0.11</b>
<b>H. Total Regional Entities (A-G)</b>	<b>24972</b>	<b>17694</b>	<b>16942</b>	<b>11753</b>	<b>320.13</b>	<b>13339</b>	<b>310.29</b>	<b>9.85</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	335	7.86	328
	Guru Nanak Dev TPS(Bhatinda) (4*110)	440	0	0	-0.05	-2
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	392	463	9.77	407
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	565	361	10.76	448
	Talwandi Saboo (1*660)	660	0	0	0.00	0
	<b>Thermal (Total)</b>	<b>4680</b>	<b>1377</b>	<b>1159</b>	<b>28.34</b>	<b>1181</b>
	Total Hydro	1148	257	105	4.32	180
	<b>Total Punjab</b>	<b>5828</b>	<b>1634</b>	<b>1264</b>	<b>32.65</b>	<b>1361</b>
	Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00
DCRTPP (Yamuna nagar) (2*300)		600	0	0	0.00	0
Faridabad GPS (NTPC)		432	193	160	4.05	169
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	1217	740	21.14	881
<b>Thermal (Total)</b>		<b>4944</b>	<b>1410</b>	<b>900</b>	<b>25.19</b>	<b>1049</b>
Total Hydro		62	19	19	0.55	23
<b>Total Haryana</b>		<b>5006</b>	<b>1429</b>	<b>919</b>	<b>25.74</b>	<b>1072</b>
Rajasthan		kota TPS (2*110+2*195+3*210)	1240	249	252	6.46
	suratgarh TPS (6*250)	1500	193	197	5.10	213
	Chabra TPS (4*250)	1000	598	599	15.54	647
	Dholpur GPS (3*110)	330	121	132	3.28	137
	Ramgarh GPS (1*37.5 + 1*35.5 +2*37.5 +1*110 +1*50)	271	138	138	3.24	135
	RAPS A (NPC) (1*100+1*200)	300	0	0	0.00	0
	Barsingsar (NLC) (2*125)	250	197	135	3.58	149
	Giral LTPS (2*125)	250	66	66	1.55	65
	Rajwest LTPS (IPP) (8*135)	1080	846	791	18.93	789
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(1*600)	600	198	5	2.03	85
	Kawai(Adani) (2*660)	1320	1195	962	27.78	1158
	<b>Thermal (Total)</b>	<b>8276</b>	<b>3801</b>	<b>3277</b>	<b>87</b>	<b>3645</b>
	Total Hydro	550	21	20	0.46	19
	Wind power	2798	30	829	6.98	291
	Biomass	99	32	32	0.77	32
	Solar	730	4	0	0.38	16
	Renewable/Others (Total)	3627	66	861	8.13	339
	<b>Total Rajasthan</b>	<b>12453</b>	<b>3888</b>	<b>4158</b>	<b>96.08</b>	<b>4003</b>
	UP	Anpara TPS (3*210+2*500)	1630	1388	1370	32.60
Obra TPS (2*50+2*94+5*200)		1194	475	480	11.10	463
Paricha TPS (2*110+2*220+2*250)		1140	623	648	15.00	625
Panki TPS (2*105)		210	135	131	3.00	125
Harduaganj TPS (1*60+1*105+2*250)		665	0	0	0.00	0
Tanda TPS (NTPC) (4*110)		440	390	380	8.80	367
Roza TPS (IPP) (4*300)		1200	797	810	17.20	717
Anpara-C (IPP) (2*600)		1200	1008	1089	23.70	988
Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)		450	0	0	0.00	4642
Anpara-D		500	0	0	0.00	0
<b>Thermal (Total)</b>		<b>8629</b>	<b>4816</b>	<b>4908</b>	<b>111</b>	<b>9283</b>
Vishnuparyag HPS (IPP)		400	94	94	2.21	92
Other Hydro		527	97	282	3.60	150
Cogeneration		981	600	600	14.40	600
<b>Total UP</b>		<b>10537</b>	<b>5607</b>	<b>5884</b>	<b>131.61</b>	<b>10033</b>
Uttarakhand	Total Hydro	1398	493	401	10.25	427
	<b>Total Uttarakhand</b>	<b>1398</b>	<b>493</b>	<b>401</b>	<b>10.25</b>	<b>427</b>
Delhi	Rajghat TPS (2*67.5)	135	0	0	-0.02	-1
	Delhi Gas Turbine (6x30 + 3x34)	282	74	78	1.88	78
	Pragati Gas Turbine (2x104+ 1x122)	330	150	155	3.67	153
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (6*250)	1370	309	272	6.80	283
	Badarpur TPS (NTPC) (3*95+2*210)	705	183	168	3.74	156
	<b>Thermal (Total)</b>	<b>2917</b>	<b>716</b>	<b>673</b>	<b>16.07</b>	<b>670</b>
<b>Total Delhi</b>	<b>2917</b>	<b>716</b>	<b>673</b>	<b>16.07</b>	<b>670</b>	
HP	Baspa HPS (IPP) (2*150)	300	0	0	1.03	43
	Malana HPS (IPP) (2*43)	86	31	0	0.42	17
	Other Hydro	728	366	346	9.22	384
	<b>Total HP</b>	<b>1114</b>	<b>397</b>	<b>346</b>	<b>10.66</b>	<b>444</b>
J & K	Baglihar HPS (IPP) (3*150)	450	436	440	10.52	438
	Other Hydro/IPP	436	127	133	2.99	124
	Gas/Diesel/Others	209	0	0	0.00	0
	<b>Total J &amp; K</b>	<b>1094</b>	<b>563</b>	<b>573</b>	<b>13.50</b>	<b>563</b>
<b>Total State Control Area Generation</b>		<b>40347</b>	<b>14727</b>	<b>14218</b>	<b>336.57</b>	<b>18573</b>
<b>J. Net Inter Regional Exchange</b> [Import (+ve)/Export (-ve)]			<b>4852</b>	<b>2974</b>	<b>98.45</b>	<b>4102</b>
<b>Total Regional Availability(Gross)</b>		<b>65319</b>	<b>36522</b>	<b>28944</b>	<b>755.15</b>	<b>36014</b>

#### IV. Total Hydro Generation:

Regional Entities Hydro	11969	7755	2739	106.513141	4438
State Control Area Hydro	5684	1847	1746	45.55	1806
<b>Total Regional Hydro</b>	<b>17654</b>	<b>9602</b>	<b>4485</b>	<b>152.07</b>	<b>6244</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	-200	-50	50	400	0.19	5.05	-4.85
Gwalior-Agra (D/C)	1911	1033	1963	0	36.48	0.00	36.48
Zerda-Kankroli	-102	-466	0	466	0.00	6.44	-6.44
Zerda-Bhinmal	-64	-426	0	439	0.00	4.95	-4.95
Malanpur-Auraiya	-36	-88	0	96	1.07	0.00	1.07
Badod-Kota/Morak	-124	-99	19	123	0.00	1.46	-1.46
Mundra-Mohindergarh(HVDC)	2498	2503	2506	0	60.47	0.00	60.47
Vindhychal - Rihand	499	504	518	0	11.97	0.00	11.97
<b>Sub Total WR</b>	<b>4382</b>	<b>2911</b>			<b>110.18</b>	<b>17.90</b>	<b>92.28</b>
Pusauli Bypass	100	100	300	0	3.66	0.00	3.66
MZP- GKP (D/C)	119	16	58	185	0.00	1.46	-1.46
Patna-Balia(D/C)	94	11	242	43	2.32	0.00	2.32
B'Sharif-Balia (D/C)	-7	-71	94	205	0.00	0.91	-0.91
Pusauli-Balia	85	21	85	32	0.39	0.00	0.39
Gaya-Fatehpur (765 Kv)	43	-23	139	98	0.95	0.00	0.95
Pusauli-Sahupuri	160	193	197	0	3.91	0.00	3.91
K'nasa-Sahupuri	0	0	0	0	0.00	0.00	0.00
Son Ngr-Rihand	-38	-40	0	42	0.00	0.81	-0.81
Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
Sasaram - Fatehpur(765 KV)	-86	-144	99	219	0.00	1.88	-1.88
<b>Sub Total ER</b>	<b>470</b>	<b>63</b>			<b>11.23</b>	<b>5.06</b>	<b>6.17</b>
<b>Total IR Exch</b>	<b>4852</b>	<b>2974</b>			<b>121.41</b>	<b>22.96</b>	<b>98.45</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
22.63	0.43	23.05	-3.11	-1.70	0.71	-3.12	0.71	-0.71

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
21.36	74.53	95.89	6.17	92.28	98.45	-15.19	17.75	2.56

**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	2.13	7.14	28.75	70.19	58.70	8.76	4.11	0.00	0.00

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					
50.19	18.15	49.60	14.22	49.95	0.12	0.10	50.18	0

**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	404	00:02	400	10:11	0.0	0.0	0.0	0.0
Gorakhpur	400	415	13:29	404	10:15	0.0	0.0	0.0	0.0
Bareilly	400	419	00:00	402	19:14	0.0	0.0	0.0	0.0
Kanpur	400	419	02:45	401	19:25	0.0	0.0	0.0	0.0
Dadri	400	427	02:39	404	19:11	0.0	0.0	21.8	0.0
Ballabgarh	400	433	02:45	405	19:27	0.0	0.0	38.2	10.0
Bawana	400	430	02:13	404	19:48	0.0	0.0	26.0	0.0
Bassi	400	420	23:56	396	11:20	0.0	0.0	0.0	0.0
Hissar	400	422	02:11	391	19:13	0.0	0.0	5.0	0.0
Moga	400	428	02:09	400	19:22	0.0	0.0	21.5	0.0
Abdullapur	400	432	02:12	396	11:28	0.0	0.0	29.1	8.1
Nalagarh	400	437	00:02	398	11:16	0.0	0.0	44.2	20.5
Kishenpur	400	227	02:25	213	19:25	100.0	100.0	0.0	0.0
Wagooora	400	414	03:51	375	19:47	7.3	21.3	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	773	02:12	740	19:27	0.0	0.9	0.0	0.0
Balia	765	770	15:03	747	10:09	0.0	0.0	0.0	0.0
Moga	765	812	02:25	759	19:26	0.0	0.0	20.1	0.0
Agra	765	792	02:45	753	19:29	0.0	0.0	0.0	0.0
Bhiwani	765	815	02:47	766	19:12	0.0	0.0	21.3	0.0
Unnao	765	762	08:09	740	19:27	0.0	2.8	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	481.38	488.47	481.75	503.43	324.31	256.72
Pong	426.72	384.05	403.75	312.39	401.97	266.33	162.20	56.89
Tehri	829.79	740.04	770.30	208.27	772.30	230.00	76.00	213.00
Koteswar	612.50	598.50	611.20	4.95	609.50	4.21	213.00	189.00
Chamera-I	760.00	748.75	756.10	0.00	0.00	0.00	276.79	354.19
Rihand	268.22	252.98	843.90	849.30	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	514.72	1.81	514.86	3.05	340.45	81.21

\* 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	-146	426	0	-150	0	0	-3.52	4.33	0.81
Delhi	-216	-264	-41	-216	-26	0	-5.19	-1.99	-7.18
Haryana	268	66	0	264	132	0	6.37	-6.02	0.35
HP	99	-108	0	-104	-372	0	1.15	-4.39	-3.23
J&K	-70	-56	0	-70	-53	0	-1.69	-0.03	-1.71
CHD	0	-25	0	0	-20	0	0.00	-0.23	-0.23
Rajasthan	-125	-70	-13	-121	546	2	-2.94	10.86	7.92
UP	140	0	0	213	0	0	4.19	0.00	4.19
Uttarakhand	0	227	49	0	181	0	0.00	3.36	3.36
<b>Total</b>	<b>-50</b>	<b>196</b>	<b>-5</b>	<b>-185</b>	<b>389</b>	<b>2</b>	<b>-1.63</b>	<b>5.90</b>	<b>4.27</b>

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-146	-150	433	0	0	0
Delhi	-216	-216	113	-355	0	-41
Haryana	268	264	155	-686	0	0
HP	99	-104	-83	-472	0	0
J&K	-70	-70	79	-106	0	0
CHD	0	0	0	-35	0	0
Rajasthan	-121	-125	867	-70	2	-13
UP	213	140	0	0	0	0
Uttarakhand	0	0	328	2	49	0

**XI. System Constraints:****XII. Grid Disturbance / Any Other Significant Event:****XIII. Weather Conditions For 09.04.2015 :**

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 :**