

# पावर 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 28.04.2015**  
Date of Reporting : 29.04.2015

### 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
39343	1079	40422	50.09	33547	284	33831	50.09	839.2	23.41

\* 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	32.79	6.26		39.05	75.14	74.85	-0.29	113.90	0.00
Haryana	25.80	0.68		26.47	82.93	87.40	4.47	113.87	0.00
Rajasthan	106.48	4.41	8.17	119.05	69.62	71.69	2.08	190.75	0.00
Delhi	22.08			22.08	63.74	63.94	0.21	86.02	0.24
UP	130.16	6.25		136.41	103.06	98.25	-4.81	234.66	15.39
Uttarakhand		12.20		12.20	19.93	21.07	1.14	33.27	0.32
HP		15.60		15.60	8.25	9.12	0.87	24.72	0.00
J & K		13.70	0.00	13.70	23.15	23.56	0.41	37.26	7.46
Chandigarh				0.00	4.84	4.79	0.27	4.79	0.00
<b>Total</b>	<b>317.29</b>	<b>59.09</b>	<b>8.17</b>	<b>384.55</b>	<b>450.66</b>	<b>454.68</b>	<b>4.34</b>	<b>839.23</b>	<b>23.41</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	5574	0	-107	70	4696	0	64	328	5688
Haryana	6309	0	408	345	3926	0	-314	354	6383
Rajasthan	7730	0	28	353	7618	0	221	563	8242
Delhi	3952	11	21	85	3378	0	31	-216	4232
UP	11181	710	122	234	10474	0	-481	686	11725
Uttarakhand	1547	0	-48	410	1024	0	-116	208	1635
HP	1043	0	97	-900	852	0	55	-648	1235
J&K	1788	358	91	-136	1420	284	-44	-273	1866
Chandigarh	220	0	-17	0	158	0	7	-10	239
<b>Total</b>	<b>39343</b>	<b>1079</b>	<b>595</b>	<b>461</b>	<b>33547</b>	<b>284</b>	<b>-577</b>	<b>993</b>	<b>40003</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	1704	1842	1803	42.11	1755	39.05	3.06
	Rihand I STPS (2*500)	1000	900	945	821	20.44	852	18.75	1.68
	Rihand II STPS (2*500)	1000	960	1007	921	21.21	884	19.63	1.58
	Rihand III STPS (2*500)	1000	963	980	871	20.93	872	19.86	1.07
	Dadri I STPS (4*210)	840	615	452	446	11.84	494	11.43	0.41
	Dadri II STPS (2*490)	980	980	717	660	17.63	735	17.74	-0.11
	Unchahar I TPS (2*210)	420	200	152	129	3.22	134	3.56	-0.35
	Unchahar II TPS (2*210)	420	401	286	268	6.26	261	6.94	-0.67
	Unchahar III TPS (1*220)	210	0	0	0	0.00	0	0.00	0.00
	ISTPP (Jhajjar) (3*500)	1500	1500	942	645	15.67	653	16.84	-1.16
	Dadri GPS (4*130.19+2*154.51)	830	806	284	253	6.69	279	6.64	0.05
	Anta GPS (3*88.71+1*153.2)	419	386	0	200	3.52	147	3.45	0.07
	Auraiya GPS (4*111.19+2*109.30)	663	646	159	162	3.82	159	3.96	-0.14
	Dadri Solar	5	1	0	0	0.02	1	0.03	0.00
	Unchahar Solar	10	3	0	0	0.03	1	0.06	-0.03
	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>10068</b>	<b>7766</b>	<b>7179</b>	<b>173</b>	<b>7225</b>	<b>168</b>	<b>5</b>	
B. NPC	NAPS (2*220)	440	410	419	437	9.28	387	9.84	-0.56
	RAPS- B (2*220)	440	370	408	411	8.84	368	7.30	1.54
	RAPS- C (2*220)	440	410	435	441	9.42	393	9.84	-0.42
	<b>Sub Total (B)</b>	<b>1320</b>	<b>1190</b>	<b>1262</b>	<b>1289</b>	<b>27.54</b>	<b>1148</b>	<b>26.98</b>	<b>0.56</b>
C. NHPC	Chamera I HPS (3*180)	540	540	551	549	13.13	547	12.96	0.17
	Chamera II HPS (3*100)	300	300	310	309	7.32	305	7.20	0.12
	Chamera III HPS (3*77)	231	231	235	236	5.56	232	5.55	0.01
	Bairasuil HPS(3*60)	180	179	180	180	4.35	181	4.27	0.08
	Salal-HPS (6*115)	690	645	669	665	15.72	655	15.78	-0.05
	Tanakpur-HPS (3*40)	94	42	49	47	1.08	45	1.02	0.06
	Uri-I HPS (4*120)	480	467	477	472	11.43	476	11.22	0.20
	Uri-II HPS (4*60)	240	0	0	0	0.00	0	0.00	0.00
	Dhauliganga-HPS (4*70)	280	210	208	0	3.04	127	2.91	0.14
	Dulhasti-HPS (3*130)	390	387	405	397	9.43	393	9.29	0.14
	Sewa-II HPS (3*40)	120	119	130	130	3.08	128	2.86	0.22
	Parbati 3 (4*130)	520	260	265	131	2.76	115	2.73	0.03
	<b>Sub Total (C)</b>	<b>4065</b>	<b>3381</b>	<b>3478</b>	<b>3117</b>	<b>77</b>	<b>3205</b>	<b>76</b>	<b>1</b>
D.SJVNL	NJPC (6*250)	1500	1605	1604	755	25.66	1069	25.32	0.34
	Rampur HEP (6*68.67)	412	430	441	214	7.31	305	7.02	0.29
	<b>Sub Total (D)</b>	<b>1912</b>	<b>2035</b>	<b>2045</b>	<b>969</b>	<b>32.97</b>	<b>1374</b>	<b>32.34</b>	<b>0.63</b>
E. THDC	Tehri HPS (4*250)	1000	498	499	0	7.80	325	7.80	0.00
	Koteswar HPS (4*100)	400	146	302	100	3.52	147	3.50	0.02
	<b>Sub Total (E)</b>	<b>1400</b>	<b>644</b>	<b>801</b>	<b>100</b>	<b>11.32</b>	<b>472</b>	<b>11.30</b>	<b>0.02</b>
F. BBMB	Bhakra HPS (3*108+2*126+6*157)	1514	494	928	302	12.32	513	11.86	0.46
	Dehar HPS (6*165)	990	520	660	495	12.63	526	12.48	0.15
	Pong HPS (6*66)	396	6	130	0	0.15	6	0.16	0.00
	<b>Sub Total (F)</b>	<b>2900</b>	<b>1020</b>	<b>1718</b>	<b>797</b>	<b>25.10</b>	<b>1046</b>	<b>24.49</b>	<b>0.61</b>
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	203	128	3.11	130	3.15	-0.04
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	1065	400	13.68	570	13.93	-0.25
	Malana Stg-II HPS (2*50)	100	0	100	50	1.43	60	1.37	0.06
	Shree Cement TPS (2*150)	300	0	271	288	6.49	271	6.53	-0.03
	Budhil HPS(IPP)	70	0	73	70	1.73	72	1.66	0.07
	<b>Sub Total (G)</b>	<b>1662</b>	<b>0</b>	<b>1712</b>	<b>938</b>	<b>26.45</b>	<b>1102</b>	<b>26.64</b>	<b>-0.19</b>
<b>H. Total Regional Entities (A-G)</b>	<b>24972</b>	<b>18338</b>	<b>18781</b>	<b>14389</b>	<b>373.68</b>	<b>15570</b>	<b>365.54</b>	<b>8.14</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	7.47	311
	Guru Nanak Dev TPS(Bhatinda) (4*110)	440	85	0	1.42	59
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	246	175	4.39	183
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	1113	861	19.53	814
	Talwandi Saboo (1*660)	660	0	0	-0.01	0
	<b>Thermal (Total)</b>	<b>4680</b>	<b>1864</b>	<b>1356</b>	<b>32.79</b>	<b>1366</b>
	Total Hydro	1148	275	279	6.26	261
	<b>Total Punjab</b>	<b>5828</b>	<b>2139</b>	<b>1635</b>	<b>39.05</b>	<b>1627</b>
	Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00
DCRTPP (Yamuna nagar) (2*300)		600	505	478	12.04	502
Faridabad GPS (NTPC)		432	181	0	2.71	113
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	408	413	11.04	460
<b>Thermal (Total)</b>		<b>4944</b>	<b>1094</b>	<b>891</b>	<b>25.80</b>	<b>1075</b>
Total Hydro		62	25	23	0.68	28
<b>Total Haryana</b>		<b>5006</b>	<b>1119</b>	<b>914</b>	<b>26.47</b>	<b>1103</b>
Rajasthan		kota TPS (2*110+2*195+3*210)	1240	867	882	21.58
	suratgarh TPS (6*250)	1500	599	616	14.16	590
	Chabra TPS (4*250)	1000	576	399	12.32	513
	Dholpur GPS (3*110)	330	109	109	2.70	113
	Ramgarh GPS (1*37.5 + 1*35.5 +2*37.5 +1*110 +1*50)	271	180	183	4.41	184
	RAPS A (NPC) (1*100+1*200)	300	138	139	3.40	142
	Barsingsar (NLC) (2*125)	250	183	195	4.38	183
	Giral LTPS (2*125)	250	78	81	1.64	68
	Rajwest LTPS (IPP) (8*135)	1080	685	468	15.89	662
	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	1053	1028	25.99	1083
	<b>Thermal (Total)</b>	<b>8276</b>	<b>4468</b>	<b>4100</b>	<b>106</b>	<b>4437</b>
	Total Hydro	550	180	183	4.41	184
	Wind power	2798	250	509	7.49	312
	Biomass	99	28	28	0.68	28
	Solar	730	0	0	0.00	0
	Renewable/Others (Total)	3627	278	537	8.17	340
	<b>Total Rajasthan</b>	<b>12453</b>	<b>4926</b>	<b>4820</b>	<b>119.05</b>	<b>4961</b>
	UP	Anpara TPS (3*210+2*500)	1630	1369	1380	30.40
Obra TPS (2*50+2*94+5*200)		1194	464	452	10.70	446
Paricha TPS (2*110+2*220+2*250)		1140	837	822	18.40	767
Panki TPS (2*105)		210	131	122	3.00	125
Harduaganj TPS (1*60+1*105+2*250)		665	222	224	4.40	183
Tanda TPS (NTPC) (4*110)		440	380	353	7.84	327
Roza TPS (IPP) (4*300)		1200	756	865	19.18	799
Anpara-C (IPP) (2*600)		1200	1085	1085	20.97	874
Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)		450	282	224	5.67	5023
Anpara-D		500	0	0	0.00	0
<b>Thermal (Total)</b>		<b>8629</b>	<b>5526</b>	<b>5527</b>	<b>121</b>	<b>9811</b>
Vishnuparyag HPS (IPP)		400	192	194	4.57	190
Other Hydro		527	71	63	1.68	70
Cogeneration		981	400	400	9.60	400
<b>Total UP</b>		<b>10537</b>	<b>6189</b>	<b>6184</b>	<b>136.41</b>	<b>10281</b>
Uttarakhand	Total Hydro	1398	535	411	12.20	508
	<b>Total Uttarakhand</b>	<b>1398</b>	<b>535</b>	<b>411</b>	<b>12.20</b>	<b>508</b>
Delhi	Rajghat TPS (2*67.5)	135	50	49	1.12	47
	Delhi Gas Turbine (6x30 + 3x34)	282	75	75	1.81	75
	Pragati Gas Turbine (2x104+ 1x122)	330	281	277	6.77	282
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (6*250)	1370	308	298	6.84	285
	Badarpur TPS (NTPC) (3*95+2*210)	705	309	301	5.54	231
	<b>Thermal (Total)</b>	<b>2917</b>	<b>1023</b>	<b>1000</b>	<b>22.08</b>	<b>920</b>
	<b>Total Delhi</b>	<b>2917</b>	<b>1023</b>	<b>1000</b>	<b>22.08</b>	<b>920</b>
HP	Baspa HPS (IPP) (2*150)	300	119	119	3.26	136
	Malana HPS (IPP) (2*43)	86	73	65	1.45	60
	Other Hydro	728	461	466	10.90	454
	<b>Total HP</b>	<b>1114</b>	<b>653</b>	<b>650</b>	<b>15.60</b>	<b>650</b>
J & K	Baglihar HPS (IPP) (3*150)	450	440	440	10.57	441
	Other Hydro/IPP	436	135	129	3.12	130
	Gas/Diesel/Others	209	0	0	0.00	0
	<b>Total J &amp; K</b>	<b>1094</b>	<b>575</b>	<b>569</b>	<b>13.70</b>	<b>571</b>
<b>Total State Control Area Generation</b>		<b>40347</b>	<b>17159</b>	<b>16183</b>	<b>384.55</b>	<b>20620</b>
<b>J. Net Inter Regional Exchange</b> [Import (+ve)/Export (-ve)]			<b>4927</b>	<b>3508</b>	<b>96.54</b>	<b>4022</b>
<b>Total Regional Availability(Gross)</b>		<b>65319</b>	<b>40868</b>	<b>34080</b>	<b>854.77</b>	<b>40212</b>

#### IV. Total Hydro Generation:

Regional Entities Hydro	11969	9409	5562	164.517502	6855
State Control Area Hydro	5684	2314	2178	59.09	2272
<b>Total Regional Hydro</b>	<b>17654</b>	<b>11723</b>	<b>7740</b>	<b>223.60</b>	<b>9126</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	-100	-300	0	500	0.00	5.41	-5.41
Gwalior-Agra (D/C)	1803	1358	2137	0	37.04	0.00	37.04
Zerda-Kankroli	-142	-322	0	324	0.00	5.92	-5.92
Zerda-Bhinmal	-79	-249	0	292	0.00	4.02	-4.02
Malanpur-Auraiya	-57	-80	0	104	0.00	1.25	-1.25
Badod-Kota/Morak	-26	-107	10	70	0.00	1.43	-1.43
Mundra-Mohindergarh(HVDC)	2502	2398	2505	0	55.15	0.00	55.15
Vindhychal - Rihand	455	462	506	0	10.86	0.00	10.86
<b>Sub Total WR</b>	<b>4356</b>	<b>3160</b>			<b>103.04</b>	<b>18.02</b>	<b>85.02</b>
Pusauli Bypass	200	200	200	0	4.86	0.00	4.86
MZP- GKP (D/C)	34	85	231	215	0.00	0.26	-0.26
Patna-Balia(D/C)	107	215	404	0	4.67	0.00	4.67
B'Sharif-Balia (D/C)	-10	-106	71	179	0.00	0.84	-0.84
Pusauli-Balia	7	15	102	125	0.00	0.32	-0.32
Gaya-Fatehpur (765 Kv)	109	-45	187	72	1.95	0.00	1.95
Pusauli-Sahupuri	178	208	216	0	3.75	0.00	3.75
K'nasa-Sahupuri	0	0	0	0	0.00	0.48	-0.48
Son Ngr-Rihand	-44	-25	0	44	0.00	0.75	-0.75
Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
Sasaram - Fatehpur(765 KV)	-10	-199	31	218	0.00	1.08	-1.08
<b>Sub Total ER</b>	<b>571</b>	<b>348</b>			<b>15.23</b>	<b>3.72</b>	<b>11.51</b>
<b>Total IR Exch</b>	<b>4927</b>	<b>3508</b>			<b>118.27</b>	<b>21.73</b>	<b>96.54</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
18.81	1.05	19.86	-3.82	-3.00	5.01	-0.69	0.93	-0.93

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
21.98	81.08	103.06	11.51	85.02	96.54	-10.47	3.94	-6.52

**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	0.13	6.62	45.80	66.30	17.36	7.93	1.85	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					
50.43	18.05	49.79	22.35	50.01	0.06	0.08	50.37	49.94

**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	403	00:00	399	20:47	0.0	0.0	0.0	0.0
Gorakhpur	400	415	09:58	393	19:21	0.0	0.0	8.0	0.0
Bareilly	400	425	04:01	391	11:18	0.0	0.0	12.9	0.0
Kanpur	400	419	03:40	395	19:36	0.0	0.0	0.0	0.0
Dadri	400	424	03:41	398	19:19	0.0	0.0	9.9	0.0
Ballabgarh	400	430	03:30	400	19:34	0.0	0.0	20.5	0.0
Bawana	400	428	03:36	400	19:31	0.0	0.0	23.3	0.0
Bassi	400	426	03:41	399	23:06	0.0	0.0	13.9	0.0
Hissar	400	413	03:28	386	19:32	0.0	8.6	0.0	0.0
Moga	400	419	03:28	396	19:34	0.0	0.0	0.0	0.0
Abdullapur	400	429	03:28	396	19:34	0.0	0.0	33.2	0.0
Nalagarh	400	429	03:28	403	19:32	0.0	0.0	25.8	0.0
Kishenpur	400	416	02:21	397	19:57	0.0	0.0	0.0	0.0
Wagooora	400	408	03:28	374	21:11	9.6	26.8	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	780	13:03	733	19:31	0.0	11.9	0.0	0.0
Balia	765	780	13:05	734	19:35	0.0	5.0	0.0	0.0
Moga	765	799	03:29	754	19:34	0.0	0.0	0.0	0.0
Agra	765	789	03:40	745	22:35	0.0	0.0	0.0	0.0
Bhiwani	765	810	03:31	760	19:32	0.0	0.0	7.8	0.0
Unnao	765	774	13:02	729	19:35	0.0	20.9	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	484.26	569.03	483.15	536.06	526.49	363.93
Pong	426.72	384.05	405.08	344.07	402.54	281.22	179.90	11.36
Tehri	829.79	740.04	762.90	143.00	759.70	118.00	109.48	238.00
Koteshwar	612.50	598.50	611.30	5.20	610.90	4.95	238.00	233.00
Chamera-I	760.00	748.75	755.14	0.00	0.00	0.00	465.64	355.69
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	520.83	2.57	516.88	3.13	369.25	104.65

\* 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	-150	476	2	-152	222	0	-3.60	9.23	5.62
Delhi	-147	-29	-41	-97	183	0	-2.57	3.33	0.76
Haryana	189	166	0	185	160	0	4.47	-0.33	4.14
HP	-206	-442	0	-308	-593	0	-2.36	-13.28	-15.64
J&K	-273	0	0	-121	-15	0	-3.99	-1.05	-5.04
CHD	0	-10	0	0	0	0	0.00	0.29	0.29
Rajasthan	-125	686	2	-121	472	2	-2.95	14.59	11.65
UP	686	0	0	234	0	0	8.50	0.00	8.50
Uttarakhand	0	161	47	0	376	34	0.00	7.50	7.50
<b>Total</b>	<b>-26</b>	<b>1009</b>	<b>10</b>	<b>-380</b>	<b>805</b>	<b>36</b>	<b>-2.50</b>	<b>20.27</b>	<b>17.78</b>

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-150	-152	497	174	2	0
Delhi	-68	-147	404	-115	0	-41
Haryana	189	185	167	-535	0	0
HP	99	-653	-359	-822	0	0
J&K	-70	-273	0	-152	0	0
CHD	0	0	44	-10	0	0
Rajasthan	-121	-125	870	465	2	2
UP	697	187	0	0	0	0
Uttarakhand	0	0	384	156	49	32

**XI. System Constraints:****XII. Grid Disturbance / Any Other Significant Event:****XIII. Weather Conditions For 28.04.2015 :**

Normal

**XIV. Synchronisation of new generating units :****XV. Synchronisation of new 220 / 400 / 765 KV lines and energising of bus / /substation :**

400 kv Sarojani nagar 315 MVA ICT-1 first time charged at 14:42 hrs on no load by replacing an old 240 MVA ICT.

**XVI. Tripping of lines in pooling stations :****XVII. Complete generation loss in a generating station :**