

# 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 27.03.2015  
Date of Reporting : 28.03.2015

### 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
35074	1798	36873	50.07	30289	1157	31445	50.03	798.5	42.58

\* 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	56.92	7.36		64.28	56.16	55.99	-0.17	120.27	0.00
Haryana	46.47	0.42		46.89	59.90	58.27	-1.63	105.16	0.01
Rajasthan	111.18	0.53	9.59	121.30	49.32	48.77	-0.54	170.08	0.00
Delhi	21.35			21.35	48.68	47.72	-0.96	69.07	0.66
UP	121.40	7.10		128.50	108.01	107.99	-0.02	236.49	35.08
Uttarakhand		11.78		11.78	19.93	20.53	0.61	32.31	0.18
HP		9.84		9.84	13.14	13.03	-0.11	22.87	0.00
J & K		12.72	0.00	12.72	28.09	25.80	-2.30	38.52	6.65
Chandigarh				0.00	3.80	3.70	0.27	3.70	0.00
<b>Total</b>	<b>357.32</b>	<b>49.75</b>	<b>9.59</b>	<b>416.67</b>	<b>387.02</b>	<b>381.79</b>	<b>-4.85</b>	<b>798.45</b>	<b>42.58</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	5200	0	-189	-278	4540	0	-55	-316	5768
Haryana	5224	0	-412	170	3181	0	-283	216	5826
Rajasthan	7119	0	87	416	6221	0	-84	563	8043
Delhi	3279	0	-141	119	2131	0	112	-779	3522
UP	9844	1470	-167	627	10697	895	177	331	11004
Uttarakhand	1440	40	-150	448	1260	0	57	264	1655
HP	951	0	46	-451	732	0	52	-54	1277
J&K	1829	288	316	293	1423	262	-168	222	1914
Chandigarh	189	0	-10	0	103	0	0	-17	189
<b>Total</b>	<b>35074</b>	<b>1798</b>	<b>-619</b>	<b>1345</b>	<b>30289</b>	<b>1157</b>	<b>-192</b>	<b>432</b>	<b>38423</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 :

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	1870	2083	1860	47.90	1996	43.73	4.17
Rihand I STPS (2*500)	1000	925	875	923	22.21	925	20.19	2.02
Rihand II STPS (2*500)	1000	475	370	486	10.86	453	9.85	1.01
Rihand III STPS (2*500)	1000	970	794	926	21.36	890	19.67	1.69
Dadri I STPS (4*210)	840	815	715	612	15.64	652	14.81	0.82
Dadri II STPS (2*490)	980	480	402	356	8.72	363	8.69	0.03
Unchahar I TPS (2*210)	420	405	291	394	7.96	332	8.61	-0.64
Unchahar II TPS (2*210)	420	403	269	333	7.17	299	7.32	-0.15
Unchahar III TPS (1*220)	210	201	134	159	3.59	150	3.53	0.06
ISTPP (Jhajjar) (3*500)	1500	1500	825	800	17.79	741	18.51	-0.72
Dadri GPS (4*130.19+2*154.51)	830	819	329	331	8.05	336	8.77	-0.72
Anta GPS (3*88.71+1*1153.2)	419	172	0	0	0.00	0	0.00	0.00
Auraiya GPS (4*111.19+2*109.30)	663	657	153	151	3.69	154	3.68	0.01
Dadri Solar	5	1	0	0	0.02	1	0.02	0.00
Unchahar Solar	10	3	0	0	0.03	1	0.06	-0.03
Singrauli Solar	15	3	0	0	0.03	1	0	-0.04
<b>Sub Total (A)</b>	<b>11312</b>	<b>9698</b>	<b>7240</b>	<b>7331</b>	<b>175</b>	<b>7292</b>	<b>168</b>	<b>8</b>
<b>B. NPC</b>								
NAPS (2*220)	440	385	418	428	9.25	386	9.25	0.00
RAPS- B (2*220)	440	401	437	447	9.54	398	9.62	-0.08
RAPS- C (2*220)	440	410	439	440	9.55	398	9.84	-0.29
<b>Sub Total (B)</b>	<b>1320</b>	<b>1196</b>	<b>1294</b>	<b>1315</b>	<b>28.34</b>	<b>1181</b>	<b>28.72</b>	<b>-0.37</b>
<b>C. NHPC</b>								
Chamera I HPS (3*180)	540	534	553	547	13.02	542	12.82	0.20
Chamera II HPS (3*100)	300	300	300	100	5.57	232	5.00	0.57
Chamera III HPS (3*77)	231	231	228	0	3.05	127	3.03	0.02
Bairasuli HPS(3*60)	180	179	180	180	4.23	176	4.18	0.05
Salal-HPS (6*115)	690	440	460	460	11.09	462	10.57	0.52
Tanakpur-HPS (3*40)	94	38	36	31	0.94	39	0.91	0.03
Uri-I HPS (4*120)	480	465	476	474	11.40	475	11.16	0.24
Uri-II HPS (4*60)	240	0	0	0	0.00	0	0.00	0.00
Dhauliganga-HPS (4*70)	280	210	209	0	1.92	80	1.89	0.02
Dulhasti-HPS (3*130)	390	387	400	0	5.22	217	5.00	0.22
Sewa-II HPS (3*40)	120	119	130	130	3.07	128	2.85	0.22
Parbati 3 (4*130)	520	260	261	0	1.20	50	1.17	0.03
<b>Sub Total (C)</b>	<b>4065</b>	<b>3163</b>	<b>3233</b>	<b>1922</b>	<b>61</b>	<b>2529</b>	<b>59</b>	<b>2</b>
<b>D. SJVNL</b>								
NJPC (6*250)	1500	1547	1353	0	11.59	483	11.44	0.15
Rampur HEP (4*68.67)	275	370	366	0	3.26	136	3.12	0.14
<b>Sub Total (D)</b>	<b>1775</b>	<b>1917</b>	<b>1719</b>	<b>0</b>	<b>14.85</b>	<b>619</b>	<b>14.56</b>	<b>0.29</b>
<b>E. THDC</b>								
Tehri HPS (4*250)	1000	564	565	0	6.79	283	6.70	0.09
Koteshwar HPS (4*100)	400	117	299	90	2.83	118	2.80	0.03
<b>Sub Total (E)</b>	<b>1400</b>	<b>681</b>	<b>864</b>	<b>90</b>	<b>9.62</b>	<b>401</b>	<b>9.50</b>	<b>0.12</b>
<b>F. BBMB</b>								
Bhakra HPS (3*108+2*126+6*157)	1514	491	868	398	12.61	525	11.79	0.81
Dehar HPS (6*165)	990	446	495	495	11.42	476	10.70	0.72
Pong HPS (6*66)	396	130	184	0	0.65	27	3.11	-2.46
<b>Sub Total (F)</b>	<b>2900</b>	<b>1067</b>	<b>1547</b>	<b>893</b>	<b>24.68</b>	<b>1028</b>	<b>25.60</b>	<b>-0.93</b>
<b>G. IPP(s)/JV(s)</b>								
ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	0	0	0.81	34	0.84	-0.03
KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	790	0	5.86	244	5.88	-0.02
Malana Stg-II HPS (2*50)	100	0	0	0	0.00	0	0.00	0.00
Shree Cement TPS (2*150)	300	0	296	299	6.56	273	6.62	-0.06
Budhil HPS(IPP)	70	0	0	0	0.00	0	0.56	-0.56
<b>Sub Total (G)</b>	<b>1662</b>	<b>0</b>	<b>1086</b>	<b>299</b>	<b>13.23</b>	<b>551</b>	<b>13.91</b>	<b>-0.68</b>
<b>H. Total Regional Entities (A-G)</b>	<b>24434</b>	<b>17721</b>	<b>16983</b>	<b>11850</b>	<b>326.43</b>	<b>13601</b>	<b>318.36</b>	<b>8.07</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	530	320	11.02	459
	Guru Nanak Dev TPS(Bhatinda) (4*110)	440	190	170	3.98	166
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	559	609	13.64	568
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	698	699	14.98	624
	Talwandi Saboo (1*660)	660	496	660	13.31	555
	<b>Thermal (Total)</b>	<b>4680</b>	<b>2473</b>	<b>2458</b>	<b>56.92</b>	<b>2371</b>
	Total Hydro	1148	294	229	7.36	307
<b>Total Punjab</b>	<b>5828</b>	<b>2767</b>	<b>2687</b>	<b>64.28</b>	<b>2678</b>	
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	456	443	10.13	422
	DCRTPP (Yamuna nagar) (2*300)	600	545	413	10.61	442
	Faridabad GPS (NTPC)	432	174	142	3.97	165
	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	1244	755	21.77	907
	<b>Thermal (Total)</b>	<b>4944</b>	<b>2419</b>	<b>1753</b>	<b>46.47</b>	<b>1936</b>
	Total Hydro	62	18	17	0.42	18
	<b>Total Haryana</b>	<b>5006</b>	<b>2437</b>	<b>1770</b>	<b>46.89</b>	<b>1954</b>
	Rajasthan	kota TPS (2*110+2*195+3*210)	1240	860	874	20.83
suratgarh TPS (6*250)		1500	764	767	18.49	770
Chabra TPS (3*250)		750	772	800	18.68	778
Dholpur GPS (3*110)		330	119	120	3.03	126
Ramgarh GPS (1*3 + 1*35.5 +2*37.5 +1*110 +1*50)		271	167	212	4.79	200
RAPS A (NPC) (1*100+1*200)		300	170	166	4.11	171
Barsingsar (NLC) (2*125)		250	197	197	4.45	185
Giral LTPS (2*125)		250	67	67	1.52	63
Rajwest LTPS (IPP) (8*135)		1080	723	416	12.63	526
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	1018	873	22.66	944
<b>Thermal (Total)</b>		<b>8026</b>	<b>4857</b>	<b>4492</b>	<b>111</b>	<b>4633</b>
Total Hydro		550	20	22	0.53	22
Wind power		2798	150	506	8.82	368
Biomass		99	0	0	0.72	30
Solar		730	0	0	0.06	2
Renewable/Others (Total)		3627	150	506	9.59	400
<b>Total Rajasthan</b>	<b>12203</b>	<b>5027</b>	<b>5020</b>	<b>121.30</b>	<b>5054</b>	
UP	Anpara TPS (3*210+2*500)	1630	1307	1373	31.70	1321
	Obra TPS (2*50+2*94+5*200)	1194	443	446	10.50	438
	Paricha TPS (2*110+2*220+2*250)	1140	524	506	12.00	500
	Panki TPS (2*105)	210	140	140	3.40	142
	Harduaganj TPS (1*60+1*105+2*250)	665	227	225	5.40	225
	Tanda TPS (NTPC) (4*110)	440	390	380	9.20	383
	Roza TPS (IPP) (4*300)	1200	775	725	11.50	479
	Anpara-C (IPP) (2*600)	1200	540	1080	18.50	771
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	0	0	0.00	0
	<b>Thermal (Total)</b>	<b>8129</b>	<b>4346</b>	<b>4875</b>	<b>102.20</b>	<b>4258</b>
	Vishnuparyag HPS (IPP)	400	100	99	2.30	96
	Other Hydro	527	281	244	4.80	200
	Cogeneration	981	800	800	19.20	800
	<b>Total UP</b>	<b>10037</b>	<b>5527</b>	<b>6018</b>	<b>128.50</b>	<b>5258</b>
Uttarakhand	Total Hydro	1398	468	465	11.78	491
	<b>Total Uttarakhand</b>	<b>1398</b>	<b>468</b>	<b>465</b>	<b>11.78</b>	<b>491</b>
Delhi	Raighat TPS (2*67.5)	135	44	45	1.05	44
	Delhi Gas Turbine (6x30 + 3x34)	282	77	80	1.84	77
	Pragati Gas Turbine (2x104+ 1x122)	330	273	273	6.62	276
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (6*250)	1370	299	274	7.16	298
	Badarpur TPS (NTPC) (3*95+2*210)	705	220	239	4.68	195
	<b>Thermal (Total)</b>	<b>2917</b>	<b>912</b>	<b>911</b>	<b>21.35</b>	<b>890</b>
<b>Total Delhi</b>	<b>2917</b>	<b>912</b>	<b>911</b>	<b>21.35</b>	<b>890</b>	
HP	Baspa HPS (IPP) (2*150)	300	171	0	1.29	54
	Malana HPS (IPP) (2*43)	86	8	0	0.55	23
	Other Hydro	728	355	299	8.01	334
	<b>Total HP</b>	<b>1114</b>	<b>534</b>	<b>299</b>	<b>9.84</b>	<b>410</b>
J & K	Baqilhar HPS (IPP) (3*150)	450	442	440	10.57	441
	Other Hydro/IPP	436	94	76	2.15	89
	Gas/Diesel/Others	209	0	0	0.00	0
	<b>Total J &amp; K</b>	<b>1094</b>	<b>536</b>	<b>516</b>	<b>12.72</b>	<b>530</b>
<b>Total State Control Area Generation</b>		<b>39597</b>	<b>18208</b>	<b>17686</b>	<b>416.67</b>	<b>17265</b>
<b>J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]</b>			<b>3343</b>	<b>2254</b>	<b>76.60</b>	<b>3192</b>
<b>Total Regional Availability(Gross)</b>		<b>64032</b>	<b>38534</b>	<b>31789</b>	<b>819.70</b>	<b>34058</b>

#### IV. Total Hydro Generation:

Regional Entities Hydro	11432	8153	2905	116.51	4855
State Control Area Hydro	5684	2151	1792	49.75	1977
<b>Total Regional Hydro</b>	<b>17116</b>	<b>10304</b>	<b>4697</b>	<b>166.26</b>	<b>6832</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	-300	-400	0	500	0.00	9.82	-9.82
Gwalior-Agra (D/C)	1623	1220	2059	0	36.21	0.00	36.21
Zerda-Kankroli	-283	-449	0	495	0.00	8.61	-8.61
Zerda-Bhinmal	-206	-356	0	413	0.00	6.37	-6.37
Malanpur-Auraiya	-49	-65	0	93	0.00	1.11	-1.11
Badod-Kota/Morak	-191	-214	0	215	0.00	3.55	-3.55
Mundra-Mohindergarh(HVDC)	1596	1602	2005	0	40.37	0.00	40.37
Vindhychal - Rihand	494	494	512	0	11.90	0.00	11.90
<b>Sub Total WR</b>	<b>2684</b>	<b>1832</b>			<b>88.48</b>	<b>29.47</b>	<b>59.01</b>
Pusauli Bypass	-410	-554	0	547	0.00	11.03	-11.03
MZP- GKP (D/C)	-20	46	162	49	1.56	0.00	1.56
Patna-Balia(D/C)	430	436	550	0	10.92	0.00	10.92
B'Sharif-Balia (D/C)	-1	2	69	25	0.63	0.00	0.63
Pusauli-Balia	16	84	116	0	0.82	0.00	0.82
Gaya-Fatehpur (765 Kv)	252	121	349	0	5.93	0.00	5.93
Pusauli-Sahupuri	221	210	221	0	4.45	0.00	4.45
K'nasa-Sahupuri	0	0	0	0	0.00	0.00	0.00
Son Ngr-Rihand	-40	-40	0	43	0.00	0.76	-0.76
Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
Sasaram - Fatehpur(765 KV)	211	117	301	0	5.08	0.00	5.08
<b>Sub Total ER</b>	<b>659</b>	<b>422</b>			<b>29.38</b>	<b>11.79</b>	<b>17.59</b>
<b>Total IR Exch</b>	<b>3343</b>	<b>2254</b>			<b>117.86</b>	<b>41.26</b>	<b>76.60</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
22.22	0.14	22.36	2.89	-2.38	2.62	9.96	2.94	-2.94

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
30.81	55.34	86.14	17.59	59.01	76.60	-13.22	3.67	-9.54

**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	1.89	13.61	54.30	60.58	14.39	8.06	3.38	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				
50.32	18.02	49.74	7.40	50.00	0.09	0.09	50.24	49.74

**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	21:44	400	16:01	0.0	0.0	0.0	0.0
Gorakhpur	400	415	17:05	390	13:35	0.0	0.0	0.0	0.0
Bareilly	400	0	00:00	9999	00:00	0.0	0.0	0.0	0.0
Kanpur	400	421	04:15	401	13:36	0.0	0.0	0.5	0.0
Dadri	400	425	22:55	404	10:48	0.0	0.0	29.9	0.0
Ballabgarh	400	432	23:30	403	10:06	0.0	0.0	38.1	2.2
Bawana	400	426	04:10	404	11:12	0.0	0.0	34.0	0.0
Bassi	400	423	21:25	398	11:36	0.0	0.0	4.9	0.0
Hissar	400	419	21:22	395	13:34	0.0	0.0	0.0	0.0
Moga	400	421	04:04	403	13:36	0.0	0.0	2.5	0.0
Abdullapur	400	427	23:28	396	18:50	0.0	0.0	32.6	0.0
Nalagarh	400	429	01:15	384	14:25	0.0	4.9	40.4	0.0
Kishenpur	400	226	03:21	214	19:39	100.0	100.0	0.0	0.0
Wagoora	400	409	04:36	378	19:43	1.0	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	781	21:40	745	13:35	0.0	0.0	0.0	0.0
Balia	765	767	17:18	738	13:35	0.0	1.3	0.0	0.0
Moga	765	801	21:49	765	13:35	0.0	0.0	0.0	0.0
Agra	765	792	21:40	755	10:24	0.0	0.0	0.0	0.0
Bhiwani	765	808	21:40	770	09:30	0.0	0.0	19.5	0.0
Unnao	765	771	21:40	737	13:36	0.0	4.1	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	480.38	468.02	482.35	519.70	346.82	396.78
Pong	426.72	384.05	402.54	281.22	402.55	281.22	132.47	48.20
Tehri	829.79	740.04	774.85	260.00	779.55	315.00	69.69	192.00
Koteshwar	612.50	598.50	611.20	5.20	611.28	5.20	192.00	188.00
Chamera-I	760.00	748.75	757.95	0.00	0.00	0.00	289.42	351.87
Rihand	268.22	252.98	845.80	192.40	850.10	257.10	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	508.50	3.42	512.24	1.96	329.49	151.24

\* 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	6	0	-282	3	0	-7.03	3.92	-3.11
Delhi	-657	-81	-41	-453	612	-41	-11.57	6.50	-5.07
Haryana	41	174	0	41	128	0	0.59	1.24	1.83
HP	161	-215	0	-85	-366	0	2.56	-6.68	-4.13
J&K	530	-307	0	317	-24	0	9.45	-3.31	6.15
CHD	0	-17	0	0	0	0	0.00	-0.17	-0.17
Rajasthan	0	584	-21	0	437	-21	0.00	10.36	10.36
UP	135	196	0	137	490	0	2.71	4.86	7.57
Uttarakhand	90	125	49	158	241	49	3.45	3.26	6.71
<b>Total</b>	<b>-21</b>	<b>465</b>	<b>-12</b>	<b>-166</b>	<b>1523</b>	<b>-12</b>	<b>0.16</b>	<b>19.98</b>	<b>20.14</b>

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-277	-323	363	0	0	0
Delhi	-397	-657	658	-91	0	-41
Haryana	41	-7	175	-475	0	0
HP	168	-85	-78	-584	0	0
J&K	530	317	-3	-328	0	0
CHD	0	0	0	-30	0	0
Rajasthan	0	0	584	-183	2	-21
UP	206	42	686	0	0	0
Uttarakhand	158	90	291	-16	49	0

**XI. System Constraints:****XII. Grid Disturbance / Any Other Significant Event:****XIII. Weather Conditions For 27.03.2015 :****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 :**