

# 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 24.04.2015  
Date of Reporting : 25.04.2015

### 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
38520	2233	40753	50.16	36559	875	37434	50.09	862.3	39.45

\* 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	43.06	4.56		47.62	70.07	70.18	0.12	117.80	0.00
Haryana	31.86	0.69		32.55	81.83	80.31	-1.51	112.86	0.00
Rajasthan	106.22	0.00	7.66	113.88	63.20	64.49	1.29	178.37	0.00
Delhi	24.72			24.72	62.85	63.51	0.67	88.24	0.01
UP	141.20	6.59		147.79	111.65	112.30	0.66	260.10	30.65
Uttarakhand		11.38		11.38	23.16	24.35	1.19	35.73	0.81
HP		14.09		14.09	11.58	10.90	-0.68	24.99	0.07
J & K		13.76	0.00	13.76	22.72	25.77	3.05	39.52	7.90
Chandigarh				0.00	4.70	4.72	0.27	4.72	0.00
<b>Total</b>	<b>347.05</b>	<b>51.06</b>	<b>7.66</b>	<b>405.78</b>	<b>451.75</b>	<b>456.54</b>	<b>5.05</b>	<b>862.32</b>	<b>39.45</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	5596	0	-148	116	5244	0	100	328	5764
Haryana	6040	12	32	393	4541	0	-2135	232	6221
Rajasthan	7572	0	-211	374	7094	0	-62	461	7866
Delhi	3957	0	-25	74	3476	0	138	-227	4355
UP	10625	1800	-53	238	12327	510	458	1080	12347
Uttarakhand	1701	75	88	468	1392	70	38	379	1701
HP	1066	0	83	-836	859	0	-89	-271	1230
J&K	1733	347	118	-141	1474	295	107	-227	1881
Chandigarh	231	0	2	0	151	0	2	-10	231
<b>Total</b>	<b>38520</b>	<b>2233</b>	<b>-114</b>	<b>686</b>	<b>36559</b>	<b>875</b>	<b>-1443</b>	<b>1744</b>	<b>38897</b>

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

Diversity is 1.07

### 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	1860	1852	44.16	1840	41.00	3.15
	Rihand I STPS (2*500)	1000	832	821	855	19.97	832	18.46	1.50
	Rihand II STPS (2*500)	1000	468	473	500	11.26	469	10.28	0.98
	Rihand III STPS (2*500)	1000	959	903	976	21.51	896	20.54	0.97
	Dadri I STPS (4*210)	840	615	527	538	12.26	511	12.31	-0.05
	Dadri II STPS (2*490)	980	980	727	696	17.49	729	17.93	-0.44
	Unchahar I TPS (2*210)	420	405	339	350	7.32	305	8.64	-1.32
	Unchahar II TPS (2*210)	420	401	331	284	6.94	289	7.65	-0.71
	Unchahar III TPS (1*220)	210	0	0	0	0.00	0	0.00	0.00
	ISTPP (Jhajjar) (3*500)	1500	1500	694	598	14.88	620	15.67	-0.79
	Dadri GPS (4*130.19+2*154.51)	830	806	187	196	4.55	189	4.65	-0.10
	Anta GPS (3*88.71+1*153.2)	419	393	223	238	5.66	236	5.60	0.06
	Auraiya GPS (4*111.19+2*109.30)	663	649	153	159	3.69	154	3.83	-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	0.04	2	0.07	-0.03
	KHEP	400	0	0	0	0.00	0	0.00	0.00
<b>Sub Total (A)</b>	<b>11712</b>	<b>9744</b>	<b>7238</b>	<b>7242</b>	<b>170</b>	<b>7074</b>	<b>167</b>	<b>3</b>	
B. NPC	NAPS (2*220)	440	391	427	432	9.27	386	9.38	-0.12
	RAPS- B (2*220)	440	373	416	423	8.96	373	7.30	1.66
	RAPS- C (2*220)	440	410	440	447	9.54	397	9.84	-0.30
	<b>Sub Total (B)</b>	<b>1320</b>	<b>1174</b>	<b>1283</b>	<b>1302</b>	<b>27.76</b>	<b>1157</b>	<b>26.52</b>	<b>1.24</b>
C. NHPC	Chamera I HPS (3*180)	540	537	542	547	13.03	543	12.89	0.14
	Chamera II HPS (3*100)	300	300	313	307	7.26	303	7.20	0.06
	Chamera III HPS (3*77)	231	231	230	230	5.53	231	5.55	-0.02
	Bairasuil HPS(3*60)	180	131	178	121	3.03	126	2.99	0.04
	Salal-HPS (6*115)	690	621	662	666	15.29	637	14.97	0.32
	Tanakpur-HPS (3*40)	94	44	47	43	1.10	46	1.06	0.03
	Uri-I HPS (4*120)	480	475	474	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	152	208	140	3.05	127	2.83	0.22
	Dulhasti-HPS (3*130)	390	387	406	404	9.47	394	9.29	0.17
	Sewa-II HPS (3*40)	120	119	130	130	3.07	128	2.86	0.21
	Parbati 3 (4*130)	520	260	128	0	1.71	71	1.69	0.02
	<b>Sub Total (C)</b>	<b>4065</b>	<b>3258</b>	<b>3318</b>	<b>3063</b>	<b>74</b>	<b>3089</b>	<b>73</b>	<b>1</b>
	D.SJVNL	NJPC (6*250)	1500	1605	1585	197	19.06	794	18.98
Rampur HEP (6*68.67)		412	430	430	0	5.45	227	5.28	0.17
<b>Sub Total (D)</b>		<b>1912</b>	<b>2035</b>	<b>2015</b>	<b>197</b>	<b>24.52</b>	<b>1021</b>	<b>24.26</b>	<b>0.26</b>
E. THDC	Tehri HPS (4*250)	1000	507	505	0	6.73	280	6.73	0.00
	Koteswar HPS (4*100)	400	129	301	95	3.10	129	3.10	0.00
	<b>Sub Total (E)</b>	<b>1400</b>	<b>636</b>	<b>806</b>	<b>95</b>	<b>9.83</b>	<b>410</b>	<b>9.83</b>	<b>0.01</b>
F. BBMB	Bhakra HPS (3*108+2*126+6*157)	1514	347	795	300	8.36	348	8.34	0.02
	Dehar HPS (6*165)	990	613	660	560	14.76	615	14.72	0.04
	Pong HPS (6*66)	396	6	128	0	0.19	8	0.16	0.03
	<b>Sub Total (F)</b>	<b>2900</b>	<b>967</b>	<b>1583</b>	<b>860</b>	<b>23.30</b>	<b>971</b>	<b>23.21</b>	<b>0.09</b>
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	77	160	2.67	111	2.48	0.19
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	900	220	10.09	420	10.17	-0.08
	Malana Stg-II HPS (2*50)	100	0	100	60	1.32	55	1.23	0.08
	Shree Cement TPS (2*150)	300	0	292	297	6.54	273	6.57	-0.03
	Budhil HPS(IPP)	70	0	70	73	1.37	57	1.33	0.04
	<b>Sub Total (G)</b>	<b>1662</b>	<b>0</b>	<b>1440</b>	<b>810</b>	<b>21.98</b>	<b>916</b>	<b>21.78</b>	<b>0.21</b>
<b>H. Total Regional Entities (A-G)</b>	<b>24972</b>	<b>17815</b>	<b>17683</b>	<b>13570</b>	<b>351.30</b>	<b>14638</b>	<b>345.05</b>	<b>6.26</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	1020	690	18.03	751
	Guru Nanak Dev TPS(Bhatinda) (4*110)	440	110	80	1.45	61
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	454	501	10.15	423
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	695	696	13.42	559
	Talwandi Saboo (1*660)	660	0	0	0.00	0
	<b>Thermal (Total)</b>	<b>4680</b>	<b>2279</b>	<b>1967</b>	<b>43.06</b>	<b>1794</b>
	Total Hydro	1148	213	225	4.56	190
	<b>Total Punjab</b>	<b>5828</b>	<b>2492</b>	<b>2192</b>	<b>47.62</b>	<b>1984</b>
	Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00
DCRTPP (Yamuna nagar) (2*300)		600	475	484	11.68	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	874	739	20.18	841
<b>Thermal (Total)</b>		<b>4944</b>	<b>1349</b>	<b>1223</b>	<b>31.86</b>	<b>1328</b>
Total Hydro		62	24	24	0.69	29
<b>Total Haryana</b>		<b>5006</b>	<b>1373</b>	<b>1247</b>	<b>32.55</b>	<b>1356</b>
Rajasthan		kota TPS (2*110+2*195+3*210)	1240	851	857	21.08
	suratgarh TPS (6*250)	1500	628	540	13.70	571
	Chabra TPS (4*250)	1000	633	604	13.88	578
	Dholpur GPS (3*110)	330	91	83	2.18	91
	Ramgarh GPS (1*37.5 + 1*35.5 +2*37.5 +1*110 +1*50)	271	31	176	2.49	104
	RAPS A (NPC) (1*100+1*200)	300	0	0	0.00	0
	Barsingsar (NLC) (2*125)	250	193	196	4.41	184
	Giral LTPS (2*125)	250	70	74	1.71	71
	Rajwest LTPS (IPP) (8*135)	1080	656	722	16.22	676
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(1*600)	600	230	188	4.78	199
	Kawai(Adani) (2*660)	1320	1104	1143	25.76	1073
	<b>Thermal (Total)</b>	<b>8276</b>	<b>4487</b>	<b>4583</b>	<b>106</b>	<b>4426</b>
	Total Hydro	550	0	0	0.00	0
	Wind power	2798	141	55	7.04	293
	Biomass	99	25	25	0.61	25
	Solar	730	0	0	0.02	1
	Renewable/Others (Total)	3627	166	80	7.66	319
	<b>Total Rajasthan</b>	<b>12453</b>	<b>4653</b>	<b>4663</b>	<b>113.88</b>	<b>4745</b>
	UP	Anpara TPS (3*210+2*500)	1630	927	1385	28.79
Obra TPS (2*50+2*94+5*200)		1194	479	459	11.20	467
Paricha TPS (2*110+2*220+2*250)		1140	743	753	17.83	743
Panki TPS (2*105)		210	131	131	3.06	128
Harduaganj TPS (1*60+1*105+2*250)		665	221	228	5.41	225
Tanda TPS (NTPC) (4*110)		440	288	288	7.09	295
Roza TPS (IPP) (4*300)		1200	1062	1062	25.11	1046
Anpara-C (IPP) (2*600)		1200	1080	1096	25.88	1079
Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)		450	282	403	7.23	5483
Anpara-D		500	0	0	0.00	0
<b>Thermal (Total)</b>		<b>8629</b>	<b>5213</b>	<b>5805</b>	<b>132</b>	<b>10666</b>
Vishnuparyag HPS (IPP)		400	178	166	3.90	162
Other Hydro		527	61	225	2.69	112
Cogeneration		981	400	400	9.60	400
<b>Total UP</b>		<b>10537</b>	<b>5852</b>	<b>6596</b>	<b>147.79</b>	<b>11178</b>
Uttarakhand	Total Hydro	1398	477	467	11.38	474
	<b>Total Uttarakhand</b>	<b>1398</b>	<b>477</b>	<b>467</b>	<b>11.38</b>	<b>474</b>
Delhi	Rajghat TPS (2*67.5)	135	51	50	1.14	48
	Delhi Gas Turbine (6x30 + 3x34)	282	144	144	3.46	144
	Pragati Gas Turbine (2x104+ 1x122)	330	298	280	6.75	281
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (6*250)	1370	287	304	7.04	293
	Badarpur TPS (NTPC) (3*95+2*210)	705	314	300	6.34	264
	Thermal (Total)	2917	1094	1078	24.72	1030
	<b>Total Delhi</b>	<b>2917</b>	<b>1094</b>	<b>1078</b>	<b>24.72</b>	<b>1030</b>
HP	Baspa HPS (IPP) (2*150)	300	184	116	2.37	99
	Malana HPS (IPP) (2*43)	86	72	34	1.28	53
	Other Hydro	728	428	444	10.44	435
	<b>Total HP</b>	<b>1114</b>	<b>684</b>	<b>594</b>	<b>14.09</b>	<b>587</b>
J & K	Baglihar HPS (IPP) (3*150)	450	450	450	10.80	450
	Other Hydro/IPP	436	112	126	2.96	123
	Gas/Diesel/Others	209	0	0	0.00	0
	<b>Total J &amp; K</b>	<b>1094</b>	<b>562</b>	<b>576</b>	<b>13.76</b>	<b>573</b>
<b>Total State Control Area Generation</b>		<b>40347</b>	<b>17187</b>	<b>17413</b>	<b>405.78</b>	<b>21927</b>
<b>J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]</b>			<b>4826</b>	<b>5821</b>	<b>129.74</b>	<b>5406</b>
<b>Total Regional Availability(Gross)</b>		<b>65319</b>	<b>39696</b>	<b>36804</b>	<b>886.82</b>	<b>41971</b>

#### IV. Total Hydro Generation:

Regional Entities Hydro	11969	8800	4656	145.853985	6077
State Control Area Hydro	5684	2021	2111	51.06	1965
<b>Total Regional Hydro</b>	<b>17654</b>	<b>10821</b>	<b>6767</b>	<b>196.91</b>	<b>8042</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	300	500	50	5.21	0.18	5.03
Gwalior-Agra (D/C)	1791	1953	2244	0	41.21	0.00	41.21
Zerda-Kankroli	-100	-337	0	389	0.00	5.88	-5.88
Zerda-Bhinmal	-47	-279	1	339	0.00	4.01	-4.01
Malanpur-Auraiya	13	8	0	27	0.00	0.28	-0.28
Badod-Kota/Morak	-46	-86	0	120	0.00	1.36	-1.36
Mundra-Mohindergarh(HVDC)	2203	2497	2507	0	56.53	0.00	56.53
Vindhychal - Rihand	478	516	516	0	11.24	0.00	11.24
<b>Sub Total WR</b>	<b>4242</b>	<b>4572</b>			<b>114.18</b>	<b>11.70</b>	<b>102.48</b>
Pusauli Bypass	200	200	200	0	4.55	0.00	4.55
MZP- GKP (D/C)	86	-162	274	86	3.37	0.00	3.37
Patna-Balia(D/C)	188	740	750	0	11.33	0.00	11.33
B'Sharif-Balia (D/C)	-74	63	145	114	0.03	0.00	0.03
Pusauli-Balia	-29	87	189	37	0.46	0.00	0.46
Gaya-Fatehpur (765 Kv)	136	174	334	0	4.32	0.00	4.32
Pusauli-Sahupuri	127	204	207	0	3.62	0.00	3.62
K'nasa-Sahupuri	0	0	0	0	0.00	0.00	0.00
Son Ngr-Rihand	-30	-35	0	40	0.00	0.79	-0.79
Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
Sasaram - Fatehpur(765 KV)	-20	-22	228	140	0.39	0.00	0.39
<b>Sub Total ER</b>	<b>584</b>	<b>1249</b>			<b>28.05</b>	<b>0.79</b>	<b>27.27</b>
<b>Total IR Exch</b>	<b>4826</b>	<b>5821</b>			<b>142.23</b>	<b>12.49</b>	<b>129.74</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
23.98	0.93	24.91	-2.22	-1.75	18.67	0.36	0.78	-0.78

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
42.14	80.43	122.57	27.27	102.48	129.74	-14.87	22.04	7.17

**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	0.34	3.40	31.55	56.25	23.62	15.29	1.48	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					
50.35	1803	49.75	1915.00	50.03	0.07	0.07	50.19	49.907

**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	401	07:59	0.0	0.0	0.0	0.0
Gorakhpur	400	415	17:06	403	00:35	0.0	0.0	0.0	0.0
Bareilly	400	419	04:10	398	19:23	0.0	0.0	0.0	0.0
Kanpur	400	417	04:15	397	19:25	0.0	0.0	0.0	0.0
Dadri	400	418	03:50	402	19:23	0.1	0.1	0.0	0.0
Ballabgarh	400	425	03:51	401	19:25	0.0	0.0	21.9	0.0
Bawana	400	423	04:13	401	19:23	0.0	0.0	4.0	0.0
Bassi	400	425	05:02	401	22:20	0.0	0.0	15.3	0.0
Hissar	400	0	00:00	9999	00:00	0.0	0.0	0.0	0.0
Moga	400	421	16:33	398	19:26	0.0	0.0	1.0	0.0
Abdullapur	400	427	04:10	396	19:21	0.0	0.0	30.0	0.0
Nalagarh	400	428	03:01	403	19:25	0.0	0.0	29.7	0.0
Kishenpur	400	419	04:13	400	21:03	0.0	0.0	0.0	0.0
Wagooora	400	412	04:13	379	21:10	0.0	12.5	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	771	06:32	731	19:26	0.0	1.7	0.0	0.0
Balia	765	773	17:03	747	19:26	0.0	0.0	0.0	0.0
Moga	765	798	08:06	2	09:54	40.0	40.0	0.0	0.0
Agra	765	787	07:05	749	19:26	0.0	0.0	0.0	0.0
Bhiwani	765	803	08:06	757	19:22	0.0	0.0	3.4	0.0
Unnao	765	760	07:03	724	19:29	1.0	24.2	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	483.52	544.27	483.01	536.06	516.56	244.43
Pong	426.72	384.05	404.75	336.10	402.47	273.51	149.91	13.00
Tehri	829.79	740.04	764.35	157.00	762.30	137.27	103.34	203.00
Koteswar	612.50	598.50	611.90	5.54	611.42	5.20	203.00	206.00
Chamera-I	760.00	748.75	759.75	0.00	0.00	0.00	388.94	352.87
Rihand	268.22	252.98	841.30	133.70	848.50	231.70	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	518.66	2.34	516.54	6.26	325.43	134.70

\* 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	267	0	-3.60	9.07	5.48
Delhi	-146	-41	-41	-97	192	-20	-2.56	3.06	0.50
Haryana	268	-36	0	264	130	0	6.37	1.67	8.04
HP	-155	-116	0	-205	-631	0	-0.83	-7.28	-8.11
J&K	-222	-5	0	-121	-20	0	-3.63	-0.55	-4.18
CHD	0	-10	0	0	0	0	0.00	0.28	0.28
Rajasthan	-125	584	2	-121	493	2	-2.94	13.11	10.16
UP	589	490	0	238	0	0	7.57	3.43	11.00
Uttarakhand	0	337	42	0	444	24	0.00	9.34	9.34
<b>Total</b>	<b>59</b>	<b>1679</b>	<b>5</b>	<b>-194</b>	<b>874</b>	<b>6</b>	<b>0.38</b>	<b>32.13</b>	<b>32.51</b>

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-150	-152	491	90	2	0
Delhi	-68	-146	344	-81	0	-41
Haryana	268	264	175	-242	0	0
HP	99	-231	-116	-737	0	0
J&K	-70	-222	54	-106	0	0
CHD	0	0	44	-15	0	0
Rajasthan	-121	-125	662	467	2	2
UP	605	168	490	0	0	0
Uttarakhand	0	0	452	274	49	5

**XI. System Constraints:****XII. Grid Disturbance / Any Other Significant Event:****XIII. Weather Conditions For 24.04.2015 :**

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 :**