

# 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 19.04.2015  
Date of Reporting : 20.04.2015

### 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
34908	2715	37623	50.07	30372	2319	32691	50.06	757.4	57.81

\* 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	21.97	6.73		28.70	65.64	65.17	-0.47	93.87	0.00
Haryana	24.70	0.69		25.38	70.30	69.16	-1.15	94.54	0.56
Rajasthan	94.54	0.00	20.23	114.76	54.64	54.56	-0.08	169.32	0.00
Delhi	16.24			16.24	55.79	56.90	1.11	73.14	0.23
UP	114.30	9.50		123.80	107.51	109.72	2.21	233.52	49.04
Uttarakhand		10.56		10.56	20.23	22.03	1.81	32.59	0.99
HP		12.13		12.13	11.02	10.32	-0.70	22.45	0.00
J & K		13.52	0.00	13.52	22.00	21.00	-1.00	34.52	7.00
Chandigarh				0.00	3.42	3.48	0.27	3.48	0.00
<b>Total</b>	<b>271.75</b>	<b>53.12</b>	<b>20.23</b>	<b>345.10</b>	<b>410.55</b>	<b>412.35</b>	<b>2.01</b>	<b>757.44</b>	<b>57.81</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	4475	0	66	36	3988	0	-6	329	4475
Haryana	5298	0	-164	465	3725	0	-156	293	5383
Rajasthan	7141	0	-109	380	6754	0	159	535	7586
Delhi	3209	0	-149	-89	2715	0	85	-264	3529
UP	10368	2310	-74	191	9700	1910	178	176	10559
Uttarakhand	1617	75	91	415	1198	140	129	180	1617
HP	968	0	-59	-695	834	0	-31	-37	1192
J&K	1651	330	104	-136	1344	269	-56	-121	1726
Chandigarh	181	0	-8	-10	115	0	8	0	187
<b>Total</b>	<b>34908</b>	<b>2715</b>	<b>-302</b>	<b>557</b>	<b>30372</b>	<b>2319</b>	<b>310</b>	<b>1092</b>	<b>35536</b>

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

### III. Regional Entities :

A. NTPC	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
	Singrauli STPS (5*200+2*500)	2000	1730	1875	1864	43.90	1829	40.94	2.96
	Rihand I STPS (2*500)	1000	832	805	891	20.33	847	18.84	1.49
	Rihand II STPS (2*500)	1000	466	445	512	11.34	473	10.28	1.07
	Rihand III STPS (2*500)	1000	968	920	1014	22.45	935	21.62	0.83
	Dadri I STPS (4*210)	840	615	555	543	13.55	564	13.31	0.24
	Dadri II STPS (2*490)	980	980	695	872	19.30	804	20.07	-0.77
	Unchahar I TPS (2*210)	420	405	346	343	7.38	308	8.92	-1.54
	Unchahar II TPS (2*210)	420	401	260	372	7.10	296	8.19	-1.09
	Unchahar III TPS (1*220)	210	0	0	0	0.00	0	0.00	0.00
	ISTPP (Jhajjar) (3*500)	1500	1500	647	620	14.28	595	15.18	-0.90
	Dadri GPS (4*130.19+2*154.51)	830	806	372	382	9.07	378	9.22	-0.15
	Anta GPS (3*88.71+1*153.2)	419	393	0	0	0.00	0	0.00	0.00
	Auraiya GPS (4*111.19+2*109.30)	663	655	154	161	3.72	155	3.80	-0.08
	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	0.05	2	0.07	-0.02
	KHEP	400	0	0	0	0.00	0	0.00	0.00
	<b>Sub Total (A)</b>	<b>11712</b>	<b>9756</b>	<b>7074</b>	<b>7574</b>	<b>173</b>	<b>7188</b>	<b>171</b>	<b>2</b>
B. NPC	NAPS (2*220)	440	195	214	221	4.68	195	4.68	0.00
	RAPS- B (2*220)	440	282	415	204	7.14	298	7.30	-0.16
	RAPS- C (2*220)	440	430	439	445	9.54	397	10.32	-0.78
	<b>Sub Total (B)</b>	<b>1320</b>	<b>907</b>	<b>1068</b>	<b>870</b>	<b>21.36</b>	<b>890</b>	<b>22.30</b>	<b>-0.94</b>
C. NHPC	Chamera I HPS (3*180)	540	534	542	361	10.88	453	10.80	0.08
	Chamera II HPS (3*100)	300	300	302	121	5.57	232	5.52	0.05
	Chamera III HPS (3*77)	231	231	227	15	3.55	148	3.54	0.01
	Bairasuil HPS(3*60)	180	120	120	120	2.90	121	2.88	0.03
	Salal-HPS (6*115)	690	585	668	664	14.45	602	14.17	0.28
	Tanakpur-HPS (3*40)	94	43	45	42	1.08	45	1.02	0.06
	Uri-I HPS (4*120)	480	475	477	473	11.62	484	11.39	0.23
	Uri-II HPS (4*60)	240	0	0	0	0.00	0	0.00	0.00
	Dhauliganga-HPS (4*70)	280	140	141	0	2.55	106	2.50	0.05
	Dulhasti-HPS (3*130)	390	387	403	133	8.02	334	8.00	0.02
	Sewa-II HPS (3*40)	120	119	130	130	2.96	123	2.86	0.10
	Parbati 3 (4*130)	520	390	384	0	1.87	78	1.82	0.05
	<b>Sub Total (C)</b>	<b>4065</b>	<b>3324</b>	<b>3440</b>	<b>2058</b>	<b>65</b>	<b>2727</b>	<b>64</b>	<b>1</b>
D.SJVNL	NJPC (6*250)	1500	1605	1531	0	13.65	569	13.53	0.12
	Rampur HEP (6*68.67)	412	430	415	0	3.88	162	3.76	0.12
	<b>Sub Total (D)</b>	<b>1912</b>	<b>2035</b>	<b>1946</b>	<b>0</b>	<b>17.53</b>	<b>730</b>	<b>17.29</b>	<b>0.24</b>
E. THDC	Tehri HPS (4*250)	1000	519	522	0	6.71	280	6.70	0.01
	Koteswar HPS (4*100)	400	129	395	91	3.10	129	3.10	0.00
	<b>Sub Total (E)</b>	<b>1400</b>	<b>648</b>	<b>917</b>	<b>91</b>	<b>9.81</b>	<b>409</b>	<b>9.80</b>	<b>0.01</b>
F. BBMB	Bhakra HPS (3*108+2*126+6*157)	1514	336	772	300	7.95	331	8.06	-0.11
	Dehar HPS (6*165)	990	480	495	495	11.68	487	11.52	0.16
	Pong HPS (6*66)	396	13	128	0	0.48	20	0.31	0.17
	<b>Sub Total (F)</b>	<b>2900</b>	<b>829</b>	<b>1395</b>	<b>795</b>	<b>20.12</b>	<b>838</b>	<b>19.89</b>	<b>0.22</b>
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	90	27	0.97	40	0.91	0.06
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	825	150	6.66	277	6.72	-0.06
	Malana Stg-II HPS (2*50)	100	0	40	0	0.70	29	0.72	-0.02
	Shree Cement TPS (2*150)	300	0	281	264	6.01	250	6.04	-0.03
	Budhil HPS(IPP)	70	0	70	0	0.71	30	0.70	0.01
	<b>Sub Total (G)</b>	<b>1662</b>	<b>0</b>	<b>1306</b>	<b>442</b>	<b>15.04</b>	<b>627</b>	<b>15.08</b>	<b>-0.04</b>
<b>H. Total Regional Entities (A-G)</b>		<b>24972</b>	<b>17500</b>	<b>17146</b>	<b>11829</b>	<b>321.84</b>	<b>13410</b>	<b>319.38</b>	<b>2.46</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	630	260	9.89	412
	Guru Nanak Dev TPS(Bhatinda) (4*110)	440	89	0	0.66	27
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	250	72	3.58	149
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	0	696	7.85	327
	Talwandi Saboo (1*660)	660	0	0	0.00	0
	<b>Thermal (Total)</b>	<b>4680</b>	<b>969</b>	<b>1028</b>	<b>21.97</b>	<b>915</b>
	Total Hydro	1148	404	293	6.73	281
	<b>Total Punjab</b>	<b>5828</b>	<b>1373</b>	<b>1321</b>	<b>28.70</b>	<b>1196</b>
	Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00
DCRTPP (Yamuna nagar) (2*300)		600	242	239	5.72	238
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	805	742	18.98	791
<b>Thermal (Total)</b>		<b>4944</b>	<b>1047</b>	<b>981</b>	<b>24.70</b>	<b>1029</b>
Total Hydro		62	25	23	0.69	29
<b>Total Haryana</b>		<b>5006</b>	<b>1072</b>	<b>1004</b>	<b>25.38</b>	<b>1058</b>
Rajasthan		kota TPS (2*110+2*195+3*210)	1240	861	859	20.89
	suratgarh TPS (6*250)	1500	383	381	8.99	375
	Chabra TPS (4*250)	1000	546	573	13.03	543
	Dholpur GPS (3*110)	330	119	116	2.94	123
	Ramgarh GPS (1*37.5 + 1*35.5 +2*37.5 +1*110 +1*50)	271	133	109	3.36	140
	RAPS A (NPC) (1*100+1*200)	300	0	0	0.00	0
	Barsingsar (NLC) (2*125)	250	94	51	1.80	75
	Giral LTPS (2*125)	250	77	77	1.73	72
	Rajwest LTPS (IPP) (8*135)	1080	476	586	15.43	643
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(1*600)	600	310	41	4.12	172
	Kawai(Adani) (2*660)	1320	864	930	22.24	927
	<b>Thermal (Total)</b>	<b>8276</b>	<b>3863</b>	<b>3723</b>	<b>95</b>	<b>3939</b>
	Total Hydro	550	0	0	0.00	0
	Wind power	2798	613	847	19.16	798
	Biomass	99	38	38	0.92	38
	Solar	730	0	0	0.15	6
	Renewable/Others (Total)	3627	651	885	20.23	843
	<b>Total Rajasthan</b>	<b>12453</b>	<b>4514</b>	<b>4608</b>	<b>114.76</b>	<b>4782</b>
	UP	Anpara TPS (3*210+2*500)	1630	1198	1187	28.20
Obra TPS (2*50+2*94+5*200)		1194	443	462	10.80	450
Paricha TPS (2*110+2*220+2*250)		1140	359	373	8.80	367
Panki TPS (2*105)		210	131	122	3.00	125
Harduaganj TPS (1*60+1*105+2*250)		665	220	219	5.20	217
Tanda TPS (NTPC) (4*110)		440	390	390	9.40	392
Roza TPS (IPP) (4*300)		1200	1053	873	24.00	1000
Anpara-C (IPP) (2*600)		1200	621	545	12.90	538
Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)		450	0	0	0.00	4263
Anpara-D		500	0	0	0.00	0
<b>Thermal (Total)</b>		<b>8629</b>	<b>4415</b>	<b>4171</b>	<b>102</b>	<b>8525</b>
Vishnuparyag HPS (IPP)		400	150	138	3.30	138
Other Hydro		527	297	291	6.20	258
Cogeneration		981	500	500	12.00	500
<b>Total UP</b>		<b>10537</b>	<b>5362</b>	<b>5100</b>	<b>123.80</b>	<b>9283</b>
Uttarakhand	Total Hydro	1398	458	449	10.56	440
	<b>Total Uttarakhand</b>	<b>1398</b>	<b>458</b>	<b>449</b>	<b>10.56</b>	<b>440</b>
Delhi	Rajghat TPS (2*67.5)	135	0	0	0.00	0
	Delhi Gas Turbine (6x30 + 3x34)	282	80	81	1.82	76
	Pragati Gas Turbine (2x104+ 1x122)	330	155	161	3.56	148
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (6*250)	1370	310	269	6.77	282
	Badarpur TPS (NTPC) (3*95+2*210)	705	160	163	4.11	171
	Thermal (Total)	2917	705	674	16.24	677
	<b>Total Delhi</b>	<b>2917</b>	<b>705</b>	<b>674</b>	<b>16.24</b>	<b>677</b>
HP	Baspa HPS (IPP) (2*150)	300	101	34	1.60	67
	Malana HPS (IPP) (2*43)	86	37	22	0.68	28
	Other Hydro	728	412	383	9.85	410
	<b>Total HP</b>	<b>1114</b>	<b>550</b>	<b>439</b>	<b>12.13</b>	<b>505</b>
J & K	Baglihar HPS (IPP) (3*150)	450	440	440	10.56	440
	Other Hydro/IPP	436	122	135	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>575</b>	<b>13.52</b>	<b>563</b>
<b>Total State Control Area Generation</b>		<b>40347</b>	<b>14596</b>	<b>14170</b>	<b>345.10</b>	<b>18504</b>
<b>J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]</b>			<b>4405</b>	<b>5613</b>	<b>112.25</b>	<b>4677</b>
<b>Total Regional Availability(Gross)</b>		<b>65319</b>	<b>36147</b>	<b>31612</b>	<b>779.19</b>	<b>36591</b>

#### IV. Total Hydro Generation:

Regional Entities Hydro	11969	8653	3121	121.236694	5052
State Control Area Hydro	5684	2296	2070	53.12	2076
<b>Total Regional Hydro</b>	<b>17654</b>	<b>10949</b>	<b>5191</b>	<b>174.36</b>	<b>7128</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	100	300	0.43	2.58	-2.15
Gwalior-Agra (D/C)	1942	2000	2402	0	42.37	0.00	42.37
Zerda-Kankroli	-207	-282	0	402	0.00	6.90	-6.90
Zerda-Bhinmal	-155	-251	0	321	0.00	5.68	-5.68
Malanpur-Auraiya	-53	-44	0	68	0.00	0.94	-0.94
Badod-Kota/Morak	-39	-22	0	110	0.00	1.24	-1.24
Mundra-Mohindergarh(HVDC)	2498	2503	2521	0	58.97	0.00	58.97
Vindhychal - Rihand	493	504	517	0	11.82	0.00	11.82
<b>Sub Total WR</b>	<b>4279</b>	<b>4458</b>			<b>113.58</b>	<b>17.34</b>	<b>96.24</b>
Pusauli Bypass	400	400	400	0	8.97	0.00	8.97
MZP- GKP (D/C)	-228	184	184	261	0.00	0.46	-0.46
Patna-Balia(D/C)	414	342	519	0	9.35	0.00	9.35
B'Sharif-Balia (D/C)	-264	1	11	298	0.00	3.07	-3.07
Pusauli-Balia	-108	46	62	138	0.00	0.40	-0.40
Gaya-Fatehpur (765 Kv)	32	101	172	45	1.81	0.00	1.81
Pusauli-Sahupuri	148	192	206	0	3.93	0.00	3.93
K'nasa-Sahupuri	0	0	0	0	0.00	0.00	0.00
Son Ngr-Rihand	-36	-46	0	46	0.00	0.75	-0.75
Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
Sasaram - Fatehpur(765 KV)	-232	-65	3	298	0.00	3.37	-3.37
<b>Sub Total ER</b>	<b>126</b>	<b>1155</b>			<b>24.05</b>	<b>8.04</b>	<b>16.01</b>
<b>Total IR Exch</b>	<b>4405</b>	<b>5613</b>			<b>137.63</b>	<b>25.38</b>	<b>112.25</b>

**V(B). Inter Regional Schedule & Actual Exchanges [Import (+ve)/Export (-ve)] [Corridor wise]**

ISGS/LT Schedule (MU)			Bilateral Schedule (MU)			Power Exchange Shdl (MU)		Wheeling (MU)	
ER	Bhutan	Total	Through ER	Through WR	Through ER	Through WR	Through ER	Through WR	
22.01	0.65	22.67	1.23	-1.75	5.65	7.04	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
30.48	77.65	108.14	16.01	96.24	112.25	-14.47	18.59	4.12

**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	0.97	5.78	39.90	63.91	18.25	10.51	1.62	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					
50.38	18.02	49.73	21.08	50.02	0.06	0.08	50.26	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	403	00:00	403	00:00	0.0	0.0	0.0	0.0
Gorakhpur	400	415	00:00	9999	00:00	0.0	0.0	0.0	0.0
Bareilly	400	418	04:13	401	19:08	0.0	0.0	0.0	0.0
Kanpur	400	418	08:12	401	19:10	0.0	0.0	0.0	0.0
Dadri	400	423	04:03	405	19:09	0.0	0.0	9.0	0.0
Ballabgarh	400	427	02:53	407	19:09	0.0	0.0	37.6	0.0
Bawana	400	425	04:01	404	19:11	0.0	0.0	25.4	0.0
Bassi	400	425	18:02	406	11:39	0.0	0.0	16.8	0.0
Hissar	400	417	02:55	393	19:09	0.0	0.0	0.0	0.0
Moga	400	423	02:57	400	19:24	0.0	0.0	11.1	0.0
Abdullapur	400	427	03:03	396	19:10	0.0	0.0	43.3	0.0
Nalagarh	400	430	02:04	404	19:18	0.0	0.0	77.4	0.0
Kishenpur	400	425	04:01	401	20:05	0.0	0.0	14.9	0.0
Wagooora	400	416	04:01	378	20:43	1.8	11.2	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	08:12	741	19:09	0.0	0.3	0.0	0.0
Balia	765	776	17:10	751	20:33	0.0	0.0	0.0	0.0
Moga	765	804	03:02	761	19:22	0.0	0.0	6.3	0.0
Agra	765	785	07:02	753	19:10	0.0	0.0	0.0	0.0
Bhiwani	765	806	04:01	767	19:11	0.0	0.0	12.1	0.0
Unnao	765	770	13:16	745	20:46	0.0	0.0	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	482.52	519.70	482.58	519.70	423.48	232.65
Pong	426.72	384.05	404.34	328.16	402.30	273.51	176.81	34.63
Tehri	829.79	740.04	766.05	172.00	765.90	170.00	95.59	201.00
Koteshwar	612.50	598.50	611.60	5.46	611.00	5.20	201.00	206.00
Chamera-I	760.00	748.75	756.93	0.00	0.00	0.00	277.70	294.42
Rihand	268.22	252.98	842.20	145.10	848.80	236.30	0.00	0.00
RPS	352.80	343.81	1136.55	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	517.24	3.74	516.23	2.35	245.62	126.24

\* 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	484	0	-155	191	0	-3.71	9.65	5.94
Delhi	-146	-77	-41	-97	23	-15	-2.82	-0.66	-3.49
Haryana	386	-93	0	382	83	0	9.20	0.69	9.89
HP	78	-116	0	-124	-571	0	0.66	-6.50	-5.84
J&K	-70	-51	0	-121	-15	0	-2.40	-0.42	-2.82
CHD	0	0	0	0	-10	0	0.00	-0.13	-0.13
Rajasthan	-105	638	2	-101	479	2	-2.47	12.41	9.94
UP	176	0	0	191	0	0	3.98	0.00	3.98
Uttarakhand	0	133	47	0	393	22	0.00	7.15	7.15
<b>Total</b>	<b>164</b>	<b>919</b>	<b>8</b>	<b>-25</b>	<b>574</b>	<b>9</b>	<b>2.45</b>	<b>22.19</b>	<b>24.63</b>

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-155	-155	484	114	0	0
Delhi	-97	-146	137	-97	-15	-41
Haryana	386	382	132	-266	0	0
HP	78	-124	-92	-675	0	0
J&K	-70	-121	84	-101	0	0
CHD	0	0	0	-20	0	0
Rajasthan	-101	-105	641	303	2	2
UP	193	129	0	0	0	0
Uttarakhand	0	0	398	129	47	22

**XI. System Constraints:****XII. Grid Disturbance / Any Other Significant Event:****XIII. Weather Conditions For 19.04.2015 :**

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 :**