

# पॉवर 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 10.06.2015  
Date of Reporting : 11.06.2015

### 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
41204	2592	43795	50.16	43748	1600	45347	50.09	1035.1	53.59

\* 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	52.42	11.91		64.33	104.44	98.80	-5.64	163.13	0.00
Haryana	40.14	0.65		40.79	112.16	111.87	-0.29	152.66	0.00
Rajasthan	111.80	0.00	23.03	134.83	62.45	62.18	-0.27	197.00	0.00
Delhi	23.32			23.32	91.59	91.91	0.32	115.23	0.00
UP	139.70	17.14		156.84	140.26	141.50	1.24	298.34	45.16
Uttarakhand		21.88		21.88	19.00	19.86	0.86	41.74	0.17
HP		20.13		20.13	5.54	5.54	0.00	25.67	0.00
J & K		15.21	0.00	15.21	19.48	19.90	0.42	35.11	8.27
Chandigarh				0.00	6.46	6.27	0.27	6.27	0.00
<b>Total</b>	<b>367.37</b>	<b>86.92</b>	<b>23.03</b>	<b>477.31</b>	<b>561.38</b>	<b>557.82</b>	<b>-3.09</b>	<b>1035.13</b>	<b>53.59</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	4376	0	-1769	1391	7163	0	184	1407	8377
Haryana	7081	0	-193	1033	6960	0	-81	1051	7246
Rajasthan	7253	0	-225	137	7722	0	-7	286	8996
Delhi	4674	0	-62	433	4968	0	114	656	5710
UP	13145	2150	347	1050	12735	1360	90	1061	13477
Uttarakhand	1945	40	137	221	1642	0	29	132	1946
HP	884	0	-156	-1083	958	0	-15	-1142	1266
J&K	1607	402	180	-348	1358	240	-41	-589	1776
Chandigarh	238	0	-35	0	241	0	-8	0	332
<b>Total</b>	<b>41204</b>	<b>2592</b>	<b>-1776</b>	<b>2834</b>	<b>43748</b>	<b>1600</b>	<b>266</b>	<b>2862</b>	<b>45825</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 (Effective) MW	Declared Capacity(MW)	Peak MW	Off Peak MW	Energy	Average	Schedule	UI
				(Gross)	(Gross)	(Net MU)	Sentout(MW)	Net MU	Net MU
A. NTPC	Singrauli STPS (5*200+2*500)	2000	1827	1762	2020	46.17	1924	42.65	3.52
	Rihand I STPS (2*500)	1000	437	338	407	10.51	438	9.43	1.08
	Rihand II STPS (2*500)	1000	943	658	1102	21.42	893	19.90	1.52
	Rihand III STPS (2*500)	1000	943	707	937	21.42	893	19.87	1.55
	Dadri I STPS (4*210)	840	815	781	651	17.26	719	16.77	0.49
	Dadri II STPS (2*490)	980	980	711	823	18.90	788	19.28	-0.38
	Unchahar I TPS (2*210)	420	402	329	296	7.91	329	8.24	-0.33
	Unchahar II TPS (2*210)	420	401	296	261	6.94	289	7.21	-0.27
	Unchahar III TPS (1*220)	210	200	128	125	3.66	152	3.78	-0.12
	ISTPP (Jhajihar) (3*500)	1500	1000	634	722	14.85	619	15.16	-0.31
	Dadri GPS (4*130.19+2*154.51)	830	792	349	330	8.03	334	7.96	0.06
	Anta GPS (3*88.71+1*153.2)	419	381	221	217	5.46	228	5.32	0.14
	Auraiya GPS (4*111.19+2*109.30)	663	631	262	252	6.26	261	6.25	0.01
	Dadri Solar	5	1	0	0	0.02	1	0.03	-0.01
	Unchahar Solar	10	3	0	0	0.03	1	0.06	-0.03
	Singrauli Solar	15	3	0	0	0.07	3	0.07	0.00
KHEP	400	0	0	0	0.00	0	0.00	0.00	
<b>Sub Total (A)</b>	<b>11712</b>	<b>9757</b>	<b>7176</b>	<b>8143</b>	<b>189</b>	<b>7870</b>	<b>182</b>	<b>7</b>	
B. NPC	NAPS (2*220)	440	386	416	425	9.19	383	9.26	-0.07
	RAPS- B (2*220)	440	371	415	415	8.80	367	8.90	-0.10
	RAPS- C (2*220)	440	410	434	442	9.43	393	9.84	-0.41
	<b>Sub Total (B)</b>	<b>1320</b>	<b>1167</b>	<b>1265</b>	<b>1282</b>	<b>27.42</b>	<b>1143</b>	<b>28.01</b>	<b>-0.59</b>
C. NHPC	Chamera I HPS (3*180)	540	534	542	535	12.95	539	12.82	0.13
	Chamera II HPS (3*100)	300	267	306	315	7.39	308	7.20	0.19
	Chamera III HPS (3*77)	231	231	239	241	5.63	235	5.55	0.08
	Bairasuil HPS(3*60)	180	179	183	62	2.71	113	2.59	0.12
	Salal-HPS (6*115)	690	661	672	672	16.23	676	15.87	0.37
	Tanakpur-HPS (3*40)	94	58	63	63	1.47	61	1.36	0.11
	Uri-I HPS (4*120)	480	475	474	476	11.61	484	11.40	0.21
	Uri-II HPS (4*60)	240	0	0	0	0.00	0	0.00	0.00
	Dhauliganga-HPS (4*70)	280	273	205	220	5.30	221	5.07	0.22
	Dulhasti-HPS (3*130)	390	386	394	393	9.34	389	9.26	0.07
	Sewa-II HPS (3*40)	120	119	125	61	2.54	106	2.35	0.19
	Parbati 3 (4*130)	520	390	398	0	2.57	107	2.50	0.07
	<b>Sub Total (C)</b>	<b>4065</b>	<b>3574</b>	<b>3601</b>	<b>3038</b>	<b>78</b>	<b>3239</b>	<b>76</b>	<b>2</b>
	D. SJVNL	NJPC (6*250)	1500	1605	1588	1605	37.30	1554	38.47
Rampur HEP (6*68.67)		412	442	450	448	10.28	428	10.41	-0.13
<b>Sub Total (D)</b>		<b>1912</b>	<b>2047</b>	<b>2038</b>	<b>2053</b>	<b>47.57</b>	<b>1982</b>	<b>48.88</b>	<b>-1.30</b>
E. THDC	Tehri HPS (4*250)	1000	532	390	538	9.53	397	9.47	0.06
	Koteswar HPS (4*100)	400	213	287	192	4.84	202	4.85	-0.01
	<b>Sub Total (E)</b>	<b>1400</b>	<b>745</b>	<b>677</b>	<b>730</b>	<b>14.37</b>	<b>599</b>	<b>14.32</b>	<b>0.05</b>
F. BBMB	Bhakra HPS (3*108+2*126+6*157)	1514	959	1217	763	22.78	949	23.01	-0.23
	Dehar HPS (6*165)	990	603	825	560	14.73	614	14.47	0.27
	Pong HPS (6*66)	396	34	198	0	0.85	35	0.82	0.03
	<b>Sub Total (F)</b>	<b>2900</b>	<b>1595</b>	<b>2240</b>	<b>1323</b>	<b>38.35</b>	<b>1598</b>	<b>38.29</b>	<b>0.06</b>
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	226	199	4.06	169	4.37	-0.30
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	1200	1200	28.54	1189	28.51	0.02
	Malana Stg-II HPS (2*50)	100	0	65	50	1.46	61	1.38	0.08
	Shree Cement TPS (2*150)	300	0	293	295	6.98	291	7.00	-0.02
	Budhil HPS(IPP) (2*35)	70	0	70	69	1.48	62	1.44	0.03
	<b>Sub Total (G)</b>	<b>1662</b>	<b>0</b>	<b>1853</b>	<b>1813</b>	<b>42.52</b>	<b>1772</b>	<b>42.71</b>	<b>-0.19</b>
<b>H. Total Regional Entities (A-G)</b>	<b>24972</b>	<b>18885</b>	<b>18850</b>	<b>18383</b>	<b>436.87</b>	<b>18203</b>	<b>430.14</b>	<b>6.72</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	480	700	15.17	632
	Guru Nanak Dev TPS(Bhatinda) (4*110)	440	80	80	1.78	74
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	552	617	12.74	531
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	684	703	16.35	681
	Talwandi Saboo (1*660)	660	346	330	6.39	266
	<b>Thermal (Total)</b>	<b>4680</b>	<b>2142</b>	<b>2430</b>	<b>52.42</b>	<b>2184</b>
	Total Hydro	1148	343	519	11.91	496
	<b>Total Punjab</b>	<b>5828</b>	<b>2485</b>	<b>2949</b>	<b>64.33</b>	<b>2680</b>
	Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00
DCRTPP (Yamuna nagar) (2*300)		600	482	534	11.71	488
Faridabad GPS (NTPC)		432	172	174	4.30	179
RGTTP (Khedar) (IPP) (2*600)		1200	359	0	1.89	79
Magnum Diesel (IPP)		25	0	0	0.00	0
Jhajjar(CL.P) (2*660)		1320	812	1079	22.23	926
<b>Thermal (Total)</b>		<b>4944</b>	<b>1825</b>	<b>1787</b>	<b>40.14</b>	<b>1672</b>
Total Hydro		62	27	26	0.65	27
<b>Total Haryana</b>		<b>5006</b>	<b>1852</b>	<b>1813</b>	<b>40.79</b>	<b>1700</b>
Rajasthan		kota TPS (2*110+2*195+3*210)	1240	949	897	22.93
	suratgarh TPS (6*250)	1500	953	760	22.24	927
	Chabra TPS (4*250)	1000	198	248	6.88	287
	Dholpur GPS (3*110)	330	101	103	2.58	108
	Ramgarh GPS (1*37.5 + 1*35.5 +2*37.5 +1*110 +1*50)	271	56	56	1.34	56
	RAPS A (NPC) (1*100+1*200)	300	138	137	3.39	141
	Barsingar (NLC) (2*125)	250	0	0	0.00	0
	Giral LTPS (2*125)	250	76	53	1.76	74
	Rajwest LTPS (IPP) (8*135)	1080	455	706	17.75	740
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(1*600)	600	853	848	20.33	847
	Kawai(Adani) (2*660)	1320	443	462	12.59	525
	<b>Thermal (Total)</b>	<b>8276</b>	<b>4222</b>	<b>4270</b>	<b>112</b>	<b>4658</b>
	Total Hydro	550	0	0	0.00	0
	Wind power	2798	865	891	22.46	936
	Biomass	99	20	20	0.49	20
	Solar	730	0	0	0.08	3
	Renewable/Others (Total)	3627	885	911	23.03	960
	<b>Total Rajasthan</b>	<b>12453</b>	<b>5107</b>	<b>5181</b>	<b>134.83</b>	<b>5618</b>
	UP	Anpara TPS (3*210+2*500)	1630	1317	1310	30.44
Obra TPS (2*50+2*94+5*200)		1194	432	342	7.59	316
Paricha TPS (2*110+2*220+2*250)		1140	755	711	16.89	704
Panki TPS (2*105)		210	45	72	1.35	56
Harduaganj TPS (1*60+1*105+2*250)		665	435	437	10.64	443
Tanda TPS (NTPC) (4*110)		440	375	366	9.01	376
Roza TPS (IPP) (4*300)		1200	968	1063	25.39	1058
Anpara-C (IPP) (2*600)		1200	1062	1067	25.94	1081
Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)		450	404	403	9.57	399
Anpara-D		500	0	0	0.00	0
<b>Thermal (Total)</b>		<b>8629</b>	<b>5793</b>	<b>5771</b>	<b>137</b>	<b>5701</b>
Vishnuparyag HPS (IPP)(including Alakananada)		400	597	597	13.78	574
Other Hydro		527	131	270	3.35	140
Cogeneration		981	120	120	2.88	120
<b>Total UP</b>		<b>10537</b>	<b>6641</b>	<b>6758</b>	<b>156.84</b>	<b>5960</b>
Uttarakhand	Total Hydro	1398	977	843	21.88	912
	<b>Total Uttarakhand</b>	<b>1398</b>	<b>977</b>	<b>843</b>	<b>21.88</b>	<b>912</b>
Delhi	Rajghat TPS (2*67.5)	135	0	0	0.00	0
	Delhi Gas Turbine (6x30 + 3x34)	282	69	69	1.64	68
	Pragati Gas Turbine (2x104+ 1x122)	330	260	261	6.39	266
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (6*250)	1370	279	295	6.73	281
	Badarpur TPS (NTPC) (3*95+2*210)	705	404	384	8.56	357
	Thermal (Total)	2917	1012	1009	23.32	972
	<b>Total Delhi</b>	<b>2917</b>	<b>1012</b>	<b>1009</b>	<b>23.32</b>	<b>972</b>
HP	Baspa HPS (IPP) (2*100)	300	302	322	7.71	321
	Malana HPS (IPP) (2*43)	86	52	52	1.41	59
	Other Hydro	728	455	468	11.01	459
	<b>Total HP</b>	<b>1114</b>	<b>809</b>	<b>842</b>	<b>20.13</b>	<b>839</b>
J & K	Baglihar HPS (IPP) (3*150)	450	450	450	10.80	450
	Other Hydro/IPP	436	198	192	4.41	184
	Gas/Diesel/Others	209	0	0	0.00	0
	<b>Total J &amp; K</b>	<b>1094</b>	<b>648</b>	<b>642</b>	<b>15.21</b>	<b>634</b>
<b>Total State Control Area Generation</b>		<b>40347</b>	<b>19531</b>	<b>20037</b>	<b>477.31</b>	<b>19314</b>
<b>J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]</b>			<b>5718</b>	<b>6739</b>	<b>130.47</b>	<b>5436</b>
<b>Total Regional Availability(Gross)</b>		<b>65319</b>	<b>44099</b>	<b>45159</b>	<b>1044.65</b>	<b>42953</b>

#### IV. Total Hydro Generation:

Regional Entities Hydro	11969	10046	8594	212.10	8837
State Control Area Hydro	5684	2935	3142	86.92	3047
<b>Total Regional Hydro</b>	<b>17654</b>	<b>12981</b>	<b>11736</b>	<b>299.02</b>	<b>11885</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	300		400		500	0	11.10	0.00	11.10
Gwalior-Agra (D/C)	2008		1989		2162	0	39.05	0.00	39.05
Zerda-Kankroli	-170		-165		0	213	0.00	3.87	-3.87
Zerda-Bhinmal	68		33		116	135	0.00	0.75	-0.75
Malanpur-Auraiya	0		0		0	0	0.00	0.00	0.00
Badod-Kota/Morak	-126		-26		5	76	0.00	0.89	-0.89
Mundra-Mohindergarh(HVDC)	2202		2502		2506	0	57.73	0.00	57.73
Vindhychal - Rihand	421		485		485	0	-10.17	0.00	-10.17
<b>Sub Total WR</b>	<b>4703</b>		<b>5218</b>				<b>97.71</b>	<b>5.50</b>	<b>92.21</b>
Pusauli Bypass	350		300		350	0	6.68	0.00	6.68
MZP- GKP (D/C)	57		134		269	0	3.88	0.00	3.88
Patna-Balia(D/C)	139		257		382	0	6.79	0.00	6.79
B'Sharif-Balia (D/C)	-81		17		119	86	0.90	0.00	0.90
Pusauli-Balia	50		61		205	0	1.19	0.00	1.19
Gaya-Fatehpur (765 Kv)	82		253		444	0	6.87	0.00	6.87
Pusauli-Sahupuri	184		135		194	0	3.62	0.00	3.62
K'nasa-Sahupuri	0		0		0	0	0.00	0.00	0.00
Son Ngr-Rihand	0		0		0	0	0.00	0.00	0.00
Garhwa-Rihand	0		0		0	0	0.00	0.00	0.00
Sasaram - Fatehpur(765 KV)	-120		73		236	175	2.36	1.54	0.82
Barh -GKP (D/C)	354		291		407	0	7.50	0.00	7.50
<b>Sub Total ER</b>	<b>1015</b>		<b>1521</b>				<b>39.81</b>	<b>1.54</b>	<b>38.27</b>
<b>Total IR Exch</b>	<b>5718</b>		<b>6739</b>				<b>137.52</b>	<b>7.04</b>	<b>130.47</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
35.00	1.40	36.39	33.76	5.78	-0.89	-0.06	0.35	-0.35
<b>Total IR Schedule (MU)</b>			<b>Total IR Actual (MU)</b>			<b>Net IR UI (MU)</b>		
Through ER	Through WR Inclds Mndra	Total	Through ER	Through WR	Total	Through ER	Through WR	Total
69.62	80.13	149.75	38.27	92.21	130.47	-31.36	12.08	-19.28

**V(C). Inter National Exchange with Nepal [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	
132 KV Tanakpur - Mahendamaagar	-20		-30		0	32	0	1	-0.65

**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	9.87	51.14	67.55	16.49	5.71	0.38	NA

Frequency (Hz)				Average Frequency	Frequency Variation Index	Std. Dev.	Frequency in 15 Min Block	
Maximum		Minimum					MAX	MIN
Freq	Time	Freq	Time	Hz			(Hz)	(Hz)
50.24	18.09	49.79	11.19	50.00	0.05	0.07	50.27	49.95

**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	407	02:05	187	12:57	0.1	0.1	0.0	0.0
Gorakhpur	400	415	06:04	188	12:57	0.1	0.1	0.0	0.0
Bareilly	400	418	08:00	396	20:00	0.2	0.2	0.0	0.0
Kanpur	400	414	02:05	189	12:57	0.1	0.1	0.0	0.0
Dadri	400	412	19:04	293	12:57	0.0	0.0	0.0	0.0
Ballabgarh	400	417	19:04	395	13:55	0.0	0.0	0.0	0.0
Bawana	400	422	07:57	396	00:14	0.5	0.5	2.9	0.0
Bassi	400	423	19:04	176	12:57	0.1	0.1	2.2	0.0
Hissar	400	403	19:04	119	13:07	0.1	11.9	0.0	0.0
Moga	400	412	20:59	295	12:57	0.1	0.1	0.0	0.0
Abdullapur	400	417	09:06	396	16:03	0.0	11.6	0.0	0.0
Nalagarh	400	412	20:57	161	12:57	0.1	0.1	0.0	0.0
Kishenpur	400	413	03:01	190	12:57	0.1	0.1	0.0	0.0
Wagoora	400	409	03:01	374	20:30	8.8	22.4	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	784	02:05	358	12:57	0.1	0.1	0.0	0.0
Balia	765	775	18:02	0	12:57	0.1	0.1	0.0	0.0
Moga	765	787	19:04	755	15:18	0.0	0.0	0.0	0.0
Agra	765	796	03:55	51	12:57	0.1	0.1	0.0	0.0
Bhiwani	765	787	18:08	0	12:57	0.3	0.3	0.0	0.0
Unnao	765	757	00:00	757	00:00	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 (m <sup>3</sup> /s)	Usage (m <sup>3</sup> /s)
Bhakra	513.59	445.62	487.04	644.48	481.47	495.33	892.69	811.42
Pong	426.72	384.05	405.75	361.16	402.28	273.51	81.10	56.95
Tehri	829.79	740.04	745.20	23.98	742.35	11.00	175.37	329.00
Koteshwar	612.50	598.50	608.40	3.76	610.19	4.44	329.00	321.00
Chamera-I	760.00	748.75	753.56	0.00	0.00	0.00	298.81	350.71
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	521.71	5.09	520.39	8.08	246.46	270.99

\* 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	1376	31	0	1367	24	0	33.02	1.72	34.74
Delhi	744	-48	-40	532	-59	-40	14.19	0.69	14.88
Haryana	848	203	0	848	185	0	20.37	2.68	23.05
HP	-982	-161	0	-830	-253	0	-21.13	-4.89	-26.01
J&K	-547	-42	0	-380	32	0	-10.37	-0.35	-10.72
CHD	0	0	0	0	0	0	0.24	0.22	0.46
Rajasthan	-242	526	2	-242	377	2	-5.83	12.09	6.26
UP	1061	0	0	1050	0	0	23.24	0.00	23.24
Uttarakhand	57	39	36	57	118	47	1.38	2.91	4.29
<b>Total</b>	<b>2316</b>	<b>548</b>	<b>-3</b>	<b>2402</b>	<b>423</b>	<b>8</b>	<b>55.11</b>	<b>15.09</b>	<b>70.19</b>

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	1380	1367	157	24	0	0
Delhi	822	399	383	-156	0	-40
Haryana	850	848	221	-127	0	0
HP	-830	-982	-161	-253	0	0
J&K	-344	-606	180	-136	0	0
CHD	30	0	59	0	0	0
Rajasthan	-242	-243	685	-81	2	2
UP	1088	868	0	0	0	0
Uttarakhand	58	57	118	29	49	3

**XI. System Constraints:****XII. Grid Disturbance / Any Other Significant Event:****XIII. Weather Conditions For 10.06.2015 :**

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 :**