

# 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 12.06.2015  
Date of Reporting : 13.06.2015

### 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
43370	1807	45177	50.01	43425	2151	45576	50.10	1049.3	59.73

\* 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	58.73	14.16		72.89	111.95	111.25	-0.70	184.14	0.00
Haryana	48.19	0.68		48.86	111.62	109.99	-1.63	158.85	0.00
Rajasthan	97.89	0.00	21.85	119.74	59.30	60.46	1.16	180.21	0.00
Delhi	24.64			24.64	90.80	91.51	0.70	116.14	0.08
UP	140.68	15.89		156.57	140.30	141.79	1.49	298.37	50.68
Uttarakhand		21.58		21.58	19.92	20.11	0.20	41.70	0.28
HP		20.31		20.31	5.89	6.64	0.75	26.95	0.00
J & K		15.03	0.00	15.03	21.67	21.78	0.11	36.81	8.68
Chandigarh				0.00	6.41	6.18	0.27	6.18	0.00
<b>Total</b>	<b>370.13</b>	<b>87.65</b>	<b>21.85</b>	<b>479.63</b>	<b>567.85</b>	<b>569.71</b>	<b>2.36</b>	<b>1049.35</b>	<b>59.73</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	8183	0	-18	959	7064	0	-49	1274	8755
Haryana	6889	0	-395	1022	7152	0	-110	1080	7854
Rajasthan	7196	0	-185	-53	7065	0	127	-115	8091
Delhi	4519	14	19	387	4950	0	239	742	5494
UP	11955	1370	-214	805	12916	1905	80	920	13201
Uttarakhand	1863	40	103	221	1704	0	22	123	1892
HP	973	0	-64	-1073	957	0	14	-1163	1265
J&K	1532	383	-52	-348	1391	246	-36	-566	1707
Chandigarh	259	0	2	0	226	0	-17	10	317
<b>Total</b>	<b>43370</b>	<b>1807</b>	<b>-804</b>	<b>1919</b>	<b>43425</b>	<b>2151</b>	<b>270</b>	<b>2304</b>	<b>46590</b>

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

UI/OA/PX (OD/Import: (+ve), UD/Export: (-ve))

Diversity is 1.04

### 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	1818	2001	1861	47.01	1959	43.57	3.43
	Rihand I STPS (2*500)	1000	440	446	500	11.09	462	10.20	0.89
	Rihand II STPS (2*500)	1000	943	837	928	22.97	957	21.49	1.48
	Rihand III STPS (2*500)	1000	943	943	813	22.49	937	21.50	0.99
	Dadri I STPS (4*210)	840	815	545	630	15.85	660	15.16	0.69
	Dadri II STPS (2*490)	980	980	804	764	18.88	787	19.14	-0.26
	Unchahar I TPS (2*210)	420	403	347	377	8.73	364	8.71	0.01
	Unchahar II TPS (2*210)	420	401	305	375	8.12	338	8.02	0.10
	Unchahar III TPS (1*220)	210	200	152	176	3.97	165	4.02	-0.05
	ISTPP (Jhajjhar) (3*500)	1500	1000	652	622	14.73	614	14.78	-0.05
	Dadri GPS (4*130.19+2*154.51)	830	792	360	364	8.77	365	8.77	0.00
	Anta GPS (3*88.71+1*153.2)	419	381	242	178	5.65	235	5.65	0.00
	Auraiya GPS (4*111.19+2*109.30)	663	627	265	223	6.51	271	6.49	0.02
	Dadri Solar	5	1	0	0	0.03	1	0.03	0.00
	Unchahar Solar	10	3	0	0	0.02	1	0.06	-0.04
	Singrauli Solar	15	3	0	0	0.06	3	0.07	-0.01
	KHEP	400	0	0	0	0.00	0	0.00	0.00
<b>Sub Total (A)</b>	<b>11712</b>	<b>9748</b>	<b>7899</b>	<b>7811</b>	<b>195</b>	<b>8120</b>	<b>188</b>	<b>7</b>	
B. NPC	NAPS (2*220)	440	383	412	427	9.16	381	9.19	-0.04
	RAPS- B (2*220)	440	367	367	367	8.81	367	8.81	0.00
	RAPS- C (2*220)	440	405	405	405	9.72	405	9.72	0.00
	<b>Sub Total (B)</b>	<b>1320</b>	<b>1155</b>	<b>1184</b>	<b>1199</b>	<b>27.68</b>	<b>1153</b>	<b>27.72</b>	<b>-0.04</b>
C. NHPC	Chamera I HPS (3*180)	540	534	548	548	13.10	546	12.82	0.28
	Chamera II HPS (3*100)	300	300	311	310	7.40	308	7.20	0.20
	Chamera III HPS (3*77)	231	231	233	238	5.63	234	5.55	0.08
	Bairasuil HPS(3*60)	180	179	184	62	2.69	112	2.60	0.10
	Salal-HPS (6*115)	690	661	672	672	16.20	675	15.87	0.33
	Tanakpur-HPS (3*40)	94	75	89	82	1.80	75	1.75	0.05
	Uri-I HPS (4*120)	480	475	479	475	11.62	484	11.40	0.22
	Uri-II HPS (4*60)	240	0	0	0	0.00	0	0.00	0.00
	Dhauliganga-HPS (4*70)	280	280	283	283	6.31	263	6.13	0.17
	Dulhasti-HPS (3*130)	390	386	393	394	9.29	387	9.26	0.02
	Sewa-II HPS (3*40)	120	119	126	61	2.56	107	2.40	0.16
	Parbati 3 (4*130)	520	390	390	133	2.77	115	2.69	0.08
	<b>Sub Total (C)</b>	<b>4065</b>	<b>3632</b>	<b>3710</b>	<b>3258</b>	<b>79</b>	<b>3306</b>	<b>78</b>	<b>2</b>
	D. SJVNL	NJPC (6*250)	1500	1605	1635	1621	38.37	1599	38.28
Rampur HEP (6*68.67)		412	442	449	449	10.69	445	10.55	0.15
<b>Sub Total (D)</b>		<b>1912</b>	<b>2047</b>	<b>2084</b>	<b>2070</b>	<b>49.06</b>	<b>2044</b>	<b>48.83</b>	<b>0.23</b>
E. THDC	Tehri HPS (4*250)	1000	516	516	520	11.75	490	11.74	0.01
	Koteshwar HPS (4*100)	400	293	299	298	6.22	259	6.40	-0.18
	<b>Sub Total (E)</b>	<b>1400</b>	<b>809</b>	<b>815</b>	<b>818</b>	<b>17.97</b>	<b>749</b>	<b>18.14</b>	<b>-0.17</b>
F. BBMB	Bhakra HPS (3*108+2*126+6*157)	1514	1024	1326	789	24.73	1031	24.58	0.16
	Dehar HPS (6*165)	990	598	825	560	14.74	614	14.36	0.38
	Pong HPS (6*66)	396	27	132	0	0.67	28	0.66	0.01
	<b>Sub Total (F)</b>	<b>2900</b>	<b>1650</b>	<b>2283</b>	<b>1349</b>	<b>40.14</b>	<b>1673</b>	<b>39.59</b>	<b>0.55</b>
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	179	180	3.97	165	3.84	0.12
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	1200	1200	28.52	1189	28.51	0.01
	Malana Stg-II HPS (2*50)	100	0	65	50	1.43	59	1.34	0.08
	Shree Cement TPS (2*150)	300	0	293	297	7.00	292	6.98	0.02
	Budhil HPS(IPP) (2*35)	70	0	70	73	1.71	71	1.68	0.03
	<b>Sub Total (G)</b>	<b>1662</b>	<b>0</b>	<b>1806</b>	<b>1800</b>	<b>42.63</b>	<b>1776</b>	<b>42.36</b>	<b>0.27</b>
<b>H. Total Regional Entities (A-G)</b>	<b>24972</b>	<b>19040</b>	<b>19781</b>	<b>18306</b>	<b>451.71</b>	<b>18821</b>	<b>441.97</b>	<b>9.74</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	670	660	15.64	652
	Guru Nanak Dev TPS(Bhatinda) (4*110)	440	80	80	1.96	82
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	649	501	13.23	551
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	1015	701	23.56	982
	Talwandi Saboo (1*660)	660	360	0	4.34	181
	<b>Thermal (Total)</b>	<b>4680</b>	<b>2774</b>	<b>1942</b>	<b>58.73</b>	<b>2447</b>
	Total Hydro	1148	585	614	14.16	590
	<b>Total Punjab</b>	<b>5828</b>	<b>3359</b>	<b>2556</b>	<b>72.89</b>	<b>3037</b>
	Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00
DCRTPP (Yamuna nagar) (2*300)		600	489	544	11.91	496
Faridabad GPS (NTPC)		432	174	181	4.49	187
RGTPP (Khedar) (IPP) (2*600)		1200	366	393	9.52	397
Magnum Diesel (IPP)		25	0	0	0.00	0
Jhajjar(CLP) (2*660)		1320	807	1122	22.26	928
<b>Thermal (Total)</b>		<b>4944</b>	<b>1836</b>	<b>2240</b>	<b>48.19</b>	<b>2008</b>
Total Hydro		62	29	26	0.68	28
<b>Total Haryana</b>		<b>5006</b>	<b>1865</b>	<b>2266</b>	<b>48.86</b>	<b>2036</b>
Rajasthan		kota TPS (2*110+2*195+3*210)	1240	770	779	19.04
	suratgarh TPS (6*250)	1500	754	923	20.65	860
	Chabra TPS (4*250)	1000	185	399	8.23	343
	Dholpur GPS (3*110)	330	104	103	2.05	85
	Ramgarh GPS (1*37.5 + 1*35.5 +2*37.5 +1*110 +1*50)	271	56	58	1.39	58
	RAPS A (NPC) (1*100+1*200)	300	139	139	3.37	140
	Barsingar (NLC) (2*125)	250	0	0	0.00	0
	Giral LTPS (2*125)	250	87	74	1.70	71
	Rajwest LTPS (IPP) (8*135)	1080	658	841	17.96	748
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(1*600)	600	486	468	11.08	462
	Kawai(Adani) (2*660)	1320	487	437	12.44	518
	<b>Thermal (Total)</b>	<b>8276</b>	<b>3726</b>	<b>4221</b>	<b>98</b>	<b>4079</b>
	Total Hydro	550	0	0	0.00	0
	Wind power	2798	931	591	19.02	793
	Biomass	99	20	20	0.49	20
	Solar	730	0	0	2.34	98
	Renewable/Others (Total)	3627	951	611	21.85	911
	<b>Total Rajasthan</b>	<b>12453</b>	<b>4677</b>	<b>4832</b>	<b>119.74</b>	<b>4989</b>
	UP	Anpara TPS (3*210+2*500)	1630	1087	1241	28.70
Obra TPS (2*50+2*94+5*200)		1194	427	429	9.70	404
Paricha TPS (2*110+2*220+2*250)		1140	769	755	18.00	750
Panki TPS (2*105)		210	0	0	0.08	3
Harduaganj TPS (1*60+1*105+2*250)		665	443	438	10.60	442
Tanda TPS (NTPC) (4*110)		440	350	367	8.90	371
Roza TPS (IPP) (4*300)		1200	1064	1080	25.50	1063
Anpara-C (IPP) (2*600)		1200	1085	1044	25.60	1067
Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)		450	404	404	8.90	371
Anpara-D(1*500)		500	0	0	0.00	0
Lalitpur TPS(1*660)		660	0	135	1.80	75
<b>Thermal (Total)</b>		<b>9289</b>	<b>5629</b>	<b>5893</b>	<b>138</b>	<b>5741</b>
Vishnuparyag HPS (IPP)(including Alakanada)		400	596	632	13.09	546
Other Hydro		527	47	224	2.80	117
Cogeneration		981	120	120	2.90	121
<b>Total UP</b>	<b>11197</b>	<b>6392</b>	<b>6869</b>	<b>156.57</b>	<b>5978</b>	
Uttarakhand	Total Hydro	1398	901	851	21.58	899
	<b>Total Uttarakhand</b>	<b>1398</b>	<b>901</b>	<b>851</b>	<b>21.58</b>	<b>899</b>
Delhi	Rajghat TPS (2*67.5)	135	0	0	0.02	1
	Delhi Gas Turbine (6x30 + 3x34)	282	124	71	2.22	92
	Pragati Gas Turbine (2x104+ 1x122)	330	261	264	6.39	266
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (6*250)	1370	288	298	6.72	280
	Badarpur TPS (NTPC) (3*95+2*210)	705	281	272	9.28	387
	<b>Thermal (Total)</b>	<b>2917</b>	<b>954</b>	<b>905</b>	<b>24.64</b>	<b>1027</b>
	<b>Total Delhi</b>	<b>2917</b>	<b>954</b>	<b>905</b>	<b>24.64</b>	<b>1027</b>
HP	Baspa HPS (IPP) (2*100)	300	302	302	7.67	320
	Malana HPS (IPP) (2*43)	86	60	53	1.47	61
	Other Hydro	728	480	470	11.17	465
	<b>Total HP</b>	<b>1114</b>	<b>842</b>	<b>825</b>	<b>20.31</b>	<b>846</b>
J & K	Baqilhar HPS (IPP) (3*150)	450	442	442	10.62	442
	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>640</b>	<b>634</b>	<b>15.03</b>	<b>626</b>
<b>Total State Control Area Generation</b>		<b>41007</b>	<b>19630</b>	<b>19738</b>	<b>479.63</b>	<b>19439</b>
<b>J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]</b>			<b>2258</b>	<b>2811</b>	<b>154.74</b>	<b>6448</b>
<b>Total Regional Availability(Gross)</b>		<b>65979</b>	<b>41669</b>	<b>40855</b>	<b>1086.09</b>	<b>44708</b>

#### IV. Total Hydro Generation:

Regional Entities Hydro	11969	10335	8925	220.44	9185
State Control Area Hydro	5684	3044	3174	87.65	3107
<b>Total Regional Hydro</b>	<b>17654</b>	<b>13379</b>	<b>12099</b>	<b>308.10</b>	<b>12292</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	250	400	500	150	5.46	0.56	4.90
Gwalior-Agra (D/C)	-2417	-1938	2417	0	46.72	0.00	46.72
Zerda-Kankroli	-23	-131	0	249	0.00	3.84	-3.84
Zerda-Bhinmal	-3	-107	17	231	0.00	3.12	-3.12
Malanpur-Auraiya	0	0	0	0	0.00	0.00	0.00
Badod-Kota/Morak	-50	-38	18	79	0.00	0.62	-0.62
Mundra-Mohinderqarh(HVDC)	2502	2502	2505	0	59.83	0.00	59.83
Vindhychal - Rihand	494	466	501	0	11.49	0.00	11.49
<b>Sub Total WR</b>	<b>753</b>	<b>1154</b>			<b>123.50</b>	<b>8.14</b>	<b>115.36</b>
Pusaui Bypass	350	350	350	0	8.10	0.00	8.10
MZP- GKP (D/C)	247	250	449	0	6.90	0.00	6.90
Patna-Balia(D/C)	341	400	467	0	8.98	0.00	8.98
B'Sharif-Balia (D/C)	-55	-8	74	131	0.00	0.28	-0.28
Pusaui-Balia	57	12	222	74	0.59	0.00	0.59
Gaya-Fatehpur (765 Kv)	0	212	319	0	3.72	0.00	3.72
Pusaui-Sahupuri	109	142	185	0	3.41	0.00	3.41
K'nasa-Sahupuri	0	0	0	0	0.00	0.00	0.00
Son Ngr-Rihand	-30	-40	0	44	0.00	0.82	-0.82
Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
Sasaram - Fatehpur(765 KV)	146	27	266	10	2.22	0.00	2.22
Barh -GKP (D/C)	340	312	342	0	6.57	0.00	6.57
<b>Sub Total ER</b>	<b>1505</b>	<b>1657</b>			<b>40.49</b>	<b>1.11</b>	<b>39.39</b>
<b>Total IR Exch</b>	<b>2258</b>	<b>2811</b>			<b>163.99</b>	<b>9.25</b>	<b>154.74</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
33.19	1.49	34.68	24.54	0.60	-0.89	-0.09	0.51	-0.51
<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
58.84	85.77	144.61	39.39	115.36	154.74	-19.46	29.59	10.13

**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	-26	-32	0	35	0	1	-0.66

**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	0.02	8.35	54.74	72.08	13.25	5.84	0.51	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)		
50.23	5.05	49.80	1.09	49.99	0.05	0.07	50.23	0.00

**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	06:19	397	15:41	0.0	0.0	0.0	0.0
Gorakhpur	400	415	05:11	400	23:13	0.0	0.0	1.0	0.0
Bareilly	400	418	08:00	396	20:00	0.0	0.0	0.0	0.0
Kanpur	400	416	05:06	395	00:46	0.0	0.0	0.0	0.0
Dadri	400	414	05:08	392	14:33	0.0	0.0	0.0	0.0
Ballabgarh	400	421	05:06	398	23:05	0.0	0.0	0.5	0.0
Bawana	400	414	05:04	396	23:05	0.0	0.0	0.0	0.0
Bassi	400	425	19:04	400	23:05	0.0	0.0	7.3	0.0
Hissar	400	405	05:06	385	22:35	0.0	12.9	0.0	0.0
Moga	400	414	05:03	395	22:33	0.0	0.0	0.0	0.0
Abdullapur	400	410	05:05	396	00:43	0.0	11.3	0.0	0.0
Nalagarh	400	411	05:03	392	15:41	0.0	0.0	0.0	0.0
Kishenpur	400	415	05:02	400	21:14	0.0	0.0	0.0	0.0
Wagoora	400	406	02:29	379	21:14	0.2	22.2	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	786	05:06	747	23:16	0.0	0.0	0.0	0.0
Balia	765	778	05:10	742	23:13	0.0	0.0	0.0	0.0
Moga	765	792	05:04	755	22:36	0.0	0.0	0.0	0.0
Agra	765	793	05:06	750	22:34	0.0	0.0	0.0	0.0
Bhiwani	765	790	05:02	756	22:35	0.0	0.0	0.0	0.0
Unnao	765	0	00:00	9999	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 (m³/s)	Usage (m³/s)
Bhakra	513.59	445.62	487.30	652.97	481.91	503.43	1004.11	862.76
Pong	426.72	384.05	405.84	361.16	402.04	266.33	201.02	44.17
Tehri	829.79	740.04	743.45	18.00	742.50	12.00	201.07	411.00
Koteshwar	612.50	598.50	608.89	4.21	610.10	4.69	201.07	413.00
Chamera-I	760.00	748.75	753.40	0.00	0.00	0.00	337.16	354.75
Rihand	268.22	252.98	838.10	94.23	841.40	135.00	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	521.80	6.55	520.75	7.84	312.41	304.26

\* 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	1046	228	0	875	84	0	24.81	3.52	28.33
Delhi	635	143	-35	350	73	-35	11.19	5.07	16.26
Haryana	868	212	0	838	184	0	20.80	1.29	22.09
HP	-920	-243	0	-769	-304	0	-19.66	-6.56	-26.22
J&K	-547	-20	0	-380	32	0	-10.57	-0.28	-10.85
CHD	0	10	0	0	0	0	0.24	0.49	0.73
Rajasthan	-298	180	2	-385	329	2	-7.29	8.41	1.12
UP	920	0	0	805	0	0	20.56	0.00	20.56
Uttarakhand	45	59	19	25	177	19	1.04	2.94	3.98
<b>Total</b>	<b>1748</b>	<b>569</b>	<b>-14</b>	<b>1358</b>	<b>575</b>	<b>-14</b>	<b>41.12</b>	<b>14.88</b>	<b>56.00</b>

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	1158	860	235	76	0	0
Delhi	707	344	777	-86	0	-35
Haryana	889	835	218	-337	0	0
HP	-769	-920	-166	-430	0	0
J&K	-344	-606	180	-121	0	0
CHD	30	0	69	0	0	0
Rajasthan	-242	-392	626	-548	2	0
UP	952	696	0	0	0	0
Uttarakhand	58	23	177	39	29	15

**XI. System Constraints:****XII. Grid Disturbance / Any Other Significant Event:****XIII. Weather Conditions For 12.06.2015 :**

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 :**