

# 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 30.05.2015  
Date of Reporting : 31.05.2015

### 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
41974	2550	44524	50.03	43751	1923	45674	50.09	1015.5	58.62

\* 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	48.97	19.12		68.09	93.15	93.01	-0.14	161.11	0.00
Haryana	49.02	0.65		49.67	98.03	97.65	-0.38	147.32	0.00
Rajasthan	109.67	0.00	7.81	117.48	79.33	81.53	2.20	199.01	0.00
Delhi	23.36			23.36	85.07	82.73	-2.34	106.09	0.18
UP	137.30	16.98		154.28	136.34	138.78	2.44	293.06	48.93
Uttarakhand		21.51		21.51	20.44	19.36	-1.08	40.87	0.16
HP		21.04		21.04	5.00	5.06	0.06	26.10	0.80
J & K		14.79	0.00	14.79	21.79	21.29	-0.50	36.08	8.54
Chandigarh				0.00	5.71	5.83	0.27	5.83	0.00
<b>Total</b>	<b>368.33</b>	<b>94.10</b>	<b>7.81</b>	<b>470.24</b>	<b>544.87</b>	<b>545.24</b>	<b>0.52</b>	<b>1015.48</b>	<b>58.62</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	6291	0	-17	425	6861	0	53	686	7529
Haryana	6861	0	-113	301	6757	0	-115	302	7140
Rajasthan	8054	0	135	476	8562	0	156	538	8761
Delhi	4279	3	-63	484	4734	0	51	692	5171
UP	11688	2080	-38	945	12814	1700	359	1239	12814
Uttarakhand	1843	0	-156	442	1608	0	-55	206	1889
HP	1016	45	-33	-1153	933	0	-28	-1101	1204
J&K	1689	422	101	-336	1263	223	-187	-507	1735
Chandigarh	252	0	6	0	219	0	4	0	287
<b>Total</b>	<b>41974</b>	<b>2550</b>	<b>-177</b>	<b>1584</b>	<b>43751</b>	<b>1923</b>	<b>239</b>	<b>2054</b>	<b>44901</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	1595	1559	1813	38.14	1589	37.98	0.15
	Rihand I STPS (2*500)	1000	452	500	483	11.25	469	10.36	0.88
	Rihand II STPS (2*500)	1000	943	1008	938	23.02	959	21.48	1.54
	Rihand III STPS (2*500)	1000	943	1010	960	22.75	948	21.39	1.36
	Dadri I STPS (4*210)	840	815	626	675	15.71	655	14.71	1.00
	Dadri II STPS (2*490)	980	980	722	690	17.28	720	16.83	0.45
	Unchahar I TPS (2*210)	420	405	355	324	8.32	347	8.45	-0.13
	Unchahar II TPS (2*210)	420	401	311	316	7.97	332	8.02	-0.05
	Unchahar III TPS (1*220)	210	201	160	141	3.86	161	3.99	-0.14
	ISTPP (Jhajihar) (3*500)	1500	1000	617	627	14.98	624	15.37	-0.39
	Dadri GPS (4*130.19+2*154.51)	830	804	181	292	6.69	279	6.65	0.05
	Anta GPS (3*88.71+1*153.2)	419	381	235	237	5.45	227	5.49	-0.04
	Auraiya GPS (4*111.19+2*109.30)	663	644	153	145	3.60	150	3.59	0.01
	Dadri Solar	5	1	0	0	0.03	1	0.03	0.00
	Unchahar Solar	10	3	0	0	0.03	1	0.06	-0.03
	Singrauli Solar	15	3	0	0	0.06	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>9570</b>	<b>7437</b>	<b>7641</b>	<b>179</b>	<b>7464</b>	<b>174</b>	<b>5</b>	
B. NPC	NAPS (2*220)	440	379	413	429	9.18	383	9.10	0.08
	RAPS- B (2*220)	440	364	407	411	8.80	367	8.74	0.06
	RAPS- C (2*220)	440	380	433	442	9.39	391	9.12	0.27
	<b>Sub Total (B)</b>	<b>1320</b>	<b>1123</b>	<b>1253</b>	<b>1282</b>	<b>27.36</b>	<b>1140</b>	<b>26.95</b>	<b>0.41</b>
C. NHPC	Chamera I HPS (3*180)	540	534	541	544	13.07	545	12.81	0.26
	Chamera II HPS (3*100)	300	300	308	312	7.39	308	7.20	0.19
	Chamera III HPS (3*77)	231	231	241	233	5.67	236	5.55	0.12
	Bairasuil HPS(3*60)	180	179	184	123	3.36	140	3.30	0.07
	Salal-HPS (6*115)	690	661	672	672	16.21	675	15.87	0.34
	Tanakpur-HPS (3*40)	94	64	81	62	1.65	69	1.50	0.15
	Uri-I HPS (4*120)	480	475	475	478	11.63	485	11.40	0.23
	Uri-II HPS (4*60)	240	0	0	0	0.00	0	0.00	0.00
	Dhauliganga-HPS (4*70)	280	280	293	214	5.65	236	5.38	0.28
	Dulhasti-HPS (3*130)	390	387	403	395	9.46	394	9.29	0.17
	Sewa-II HPS (3*40)	120	119	27	81	2.15	90	2.00	0.15
	Parbati 3 (4*130)	520	260	264	0	2.95	123	2.86	0.09
	<b>Sub Total (C)</b>	<b>4065</b>	<b>3491</b>	<b>3490</b>	<b>3114</b>	<b>79</b>	<b>3300</b>	<b>77</b>	<b>2</b>
D. SJVNL	NJPC (6*250)	1500	1605	1628	1620	38.50	1604	38.20	0.29
	Rampur HEP (6*68.67)	412	442	450	448	10.69	446	10.61	0.09
	<b>Sub Total (D)</b>	<b>1912</b>	<b>2047</b>	<b>2078</b>	<b>2068</b>	<b>49.19</b>	<b>2050</b>	<b>48.81</b>	<b>0.38</b>
E. THDC	Tehri HPS (4*250)	1000	290	300	295	6.80	283	6.70	0.10
	Koteshwar HPS (4*100)	400	127	278	90	3.04	127	3.00	0.04
	<b>Sub Total (E)</b>	<b>1400</b>	<b>417</b>	<b>578</b>	<b>385</b>	<b>9.84</b>	<b>410</b>	<b>9.70</b>	<b>0.14</b>
F. BBMB	Bhakra HPS (3*108+2*126+6*157)	1514	849	1328	633	20.48	853	20.39	0.09
	Dehar HPS (6*165)	990	599	660	495	14.57	607	14.38	0.19
	Pong HPS (6*66)	396	69	192	66	1.67	70	1.65	0.02
	<b>Sub Total (F)</b>	<b>2900</b>	<b>1517</b>	<b>2180</b>	<b>1194</b>	<b>36.72</b>	<b>1530</b>	<b>36.41</b>	<b>0.30</b>
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	169	191	3.79	158	4.23	-0.44
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	1017	1000	23.90	996	24.05	-0.15
	Malana Stg-II HPS (2*50)	100	0	60	50	1.58	66	1.48	0.10
	Shree Cement TPS (2*150)	300	0	266	201	5.99	249	6.05	-0.06
	Budhil HPS(IPP)	70	0	74	74	1.76	73	1.68	0.09
	<b>Sub Total (G)</b>	<b>1662</b>	<b>0</b>	<b>1586</b>	<b>1515</b>	<b>37.01</b>	<b>1542</b>	<b>37.49</b>	<b>-0.48</b>
<b>H. Total Regional Entities (A-G)</b>	<b>24972</b>	<b>18165</b>	<b>18601</b>	<b>17200</b>	<b>418.44</b>	<b>17435</b>	<b>410.98</b>	<b>7.46</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	320	320	8.00	333
	Guru Nanak Dev TPS(Bhatinda) (4*110)	440	118	90	2.24	93
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	211	173	4.20	175
	Goindwāl(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	784	1328	27.80	1158
	Talwandi Saboo (1*660)	660	330	353	6.73	281
	<b>Thermal (Total)</b>	<b>4680</b>	<b>1763</b>	<b>2264</b>	<b>48.97</b>	<b>2040</b>
	Total Hydro	1148	776	806	19.12	797
	<b>Total Punjab</b>	<b>5828</b>	<b>2539</b>	<b>3070</b>	<b>68.09</b>	<b>2837</b>
	Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00
DCRTPP (Yamuna nagar) (2*300)		600	539	546	11.94	497
Faridabad GPS (NTPC)		432	181	179	4.45	185
RGTPP (Khedar) (IPP) (2*600)		1200	576	572	10.61	442
Magnum Diesel (IPP)		25	0	0	0.00	0
Jhajjar(CLP) (2*660)		1320	1111	1117	22.03	918
<b>Thermal (Total)</b>		<b>4944</b>	<b>2407</b>	<b>2414</b>	<b>49.02</b>	<b>2043</b>
Total Hydro		62	26	27	0.65	27
<b>Total Haryana</b>		<b>5006</b>	<b>2433</b>	<b>2441</b>	<b>49.67</b>	<b>2070</b>
Rajasthan		kota TPS (2*110+2*195+3*210)	1240	739	927	20.80
	suratgarh TPS (6*250)	1500	455	449	10.76	448
	Chabra TPS (4*250)	1000	433	311	10.01	417
	Dholpur GPS (3*110)	330	0	0	0.00	0
	Ramgarh GPS (1*37.5 + 1*35.5 +2*37.5 +1*110 +1*50)	271	144	119	3.42	142
	RAPS A (NPC) (1*100+1*200)	300	139	139	3.42	143
	Barsingar (NLC) (2*125)	250	94	94	2.04	85
	Giral LTPS (2*125)	250	0	0	0.00	0
	Rajwest LTPS (IPP) (8*135)	1080	813	841	19.42	809
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(1*600)	600	429	528	11.13	464
	Kawai(Adani) (2*660)	1320	1200	1177	28.67	1195
	<b>Thermal (Total)</b>	<b>8276</b>	<b>4446</b>	<b>4585</b>	<b>110</b>	<b>4570</b>
	Total Hydro	550	0	0	0.00	0
	Wind power	2798	185	604	6.84	285
	Biomass	99	37	37	0.88	37
	Solar	730	0	0	0.10	4
	Renewable/Others (Total)	3627	222	641	7.81	326
	<b>Total Rajasthan</b>	<b>12453</b>	<b>4668</b>	<b>5226</b>	<b>117.48</b>	<b>4895</b>
	UP	Anpara TPS (3*210+2*500)	1630	1310	1487	32.80
Obra TPS (2*50+2*94+5*200)		1194	437	442	10.40	433
Paricha TPS (2*110+2*220+2*250)		1140	808	788	19.00	792
Panki TPS (2*105)		210	122	131	3.10	129
Harduaganj TPS (1*60+1*105+2*250)		665	436	444	10.10	421
Tanda TPS (NTPC) (4*110)		440	284	378	8.70	363
Roza TPS (IPP) (4*300)		1200	1062	1067	25.60	1067
Anpara-C (IPP) (2*600)		1200	540	545	12.90	538
Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)		450	404	403	9.50	396
Anpara-D		500	0	0	2.30	96
<b>Thermal (Total)</b>		<b>8629</b>	<b>5403</b>	<b>5685</b>	<b>134</b>	<b>5600</b>
Vishnuparyag HPS (IPP)(including Alakananada)		400	515	517	13.78	574
Other Hydro		527	108	257	3.20	133
Cogeneration		981	120	120	2.90	121
<b>Total UP</b>		<b>10537</b>	<b>6146</b>	<b>6579</b>	<b>154.28</b>	<b>5854</b>
Uttarakhand	Total Hydro	1398	940	882	21.51	896
	<b>Total Uttarakhand</b>	<b>1398</b>	<b>940</b>	<b>882</b>	<b>21.51</b>	<b>896</b>
Delhi	Rajghat TPS (2*67.5)	135	0	0	-0.04	-2
	Delhi Gas Turbine (6x30 + 3x34)	282	71	74	1.70	71
	Pragati Gas Turbine (2x104+ 1x122)	330	265	264	6.41	267
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (6*250)	1370	298	315	7.10	296
	Badarpur TPS (NTPC) (3*95+2*210)	705	389	366	8.19	341
	Thermal (Total)	2917	1023	1019	23.36	974
	<b>Total Delhi</b>	<b>2917</b>	<b>1023</b>	<b>1019</b>	<b>23.36</b>	<b>974</b>
HP	Baspa HPS (IPP) (2*150)	300	300	310	7.57	315
	Malana HPS (IPP) (2*43)	86	54	87	1.54	64
	Other Hydro	728	486	501	11.94	498
	<b>Total HP</b>	<b>1114</b>	<b>840</b>	<b>898</b>	<b>21.04</b>	<b>877</b>
J & K	Baglihar HPS (IPP) (3*150)	450	442	442	10.59	441
	Other Hydro/IPP	436	185	175	4.20	175
	Gas/Diesel/Others	209	0	0	0.00	0
	<b>Total J &amp; K</b>	<b>1094</b>	<b>627</b>	<b>617</b>	<b>14.79</b>	<b>616</b>
<b>Total State Control Area Generation</b>		<b>40347</b>	<b>19216</b>	<b>20732</b>	<b>470.24</b>	<b>19019</b>
<b>J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]</b>			<b>6960</b>	<b>7035</b>	<b>142.16</b>	<b>5923</b>
<b>Total Regional Availability(Gross)</b>		<b>65319</b>	<b>44777</b>	<b>44967</b>	<b>1030.84</b>	<b>42377</b>

#### IV. Total Hydro Generation:

Regional Entities Hydro	11969	9571	8002	204.20	8508
State Control Area Hydro	5684	3317	3487	94.10	3347
<b>Total Regional Hydro</b>	<b>17654</b>	<b>12888</b>	<b>11489</b>	<b>298.30</b>	<b>11855</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	400		300		500	0	8.52	0.00	8.52
Gwalior-Agra (D/C)	2214		2013		2356	0	45.09	0.00	45.09
Zerda-Kankroli	-115		-209		0	331	0.00	5.09	-5.09
Zerda-Bhinmal	-79		-126		0	264	0.00	3.15	-3.15
Malanpur-Auraiya	0		0		0	0	0.00	0.00	0.00
Badod-Kota/Morak	23		50		70	5	0.76	0.76	0.00
Mundra-Mohinderqarh(HVDC)	2496		2397		2509	0	59.43	0.00	59.43
Vindhychal - Rihand	499		505		510	0	11.75	0.00	11.75
<b>Sub Total WR</b>	<b>5438</b>		<b>4930</b>				<b>125.53</b>	<b>8.99</b>	<b>116.54</b>
Pusauli Bypass	400		400		400	0	8.99	0.00	8.99
MZP- GKP (D/C)	218		369		420	0	-6.48	0.00	-6.48
Patna-Balia(D/C)	451		560		588	0	11.88	0.00	11.88
B'Sharif-Balia (D/C)	11		99		198	70	1.54	0.00	1.54
Pusauli-Balia	257		314		316	0	2.50	0.00	2.50
Gaya-Fatehpur (765 Kv)	0		0		0	0	0.00	0.00	0.00
Pusauli-Sahupuri	139		200		214	0	4.17	0.00	4.17
K'nasa-Sahupuri	0		0		0	0	0.48	0.00	0.48
Son Ngr-Rihand	-46		-40		0	46	0.00	0.97	-0.97
Garhwa-Rihand	0		0		0	0	0.00	0.00	0.00
Sasaram - Fatehpur(765 KV)	92		203		252	0	3.50	0.00	3.50
<b>Sub Total ER</b>	<b>1522</b>		<b>2105</b>				<b>26.59</b>	<b>0.97</b>	<b>25.62</b>
<b>Total IR Exch</b>	<b>6960</b>		<b>7035</b>				<b>152.12</b>	<b>9.96</b>	<b>142.16</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
38.48	1.47	39.95	12.16	-2.70	7.30	3.25	0.79	-0.79

Total IR Schedule (MU)			Total IR Actual (MU)			Net IR UI (MU)		
Through ER	Through WR Incids Mindra	Total	Through ER	Through WR	Total	Through ER	Through WR	Total
60.20	92.44	152.65	25.62	116.54	142.16	-34.59	24.10	-10.49

**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 - Mahendmagar	24		28		0	-41	0	-1	0.63

**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	2.95	17.15	59.16	70.54	10.44	1.84	0.08	NA

Frequency (Hz)				Average Frequency Hz	Frequency Variation Index	Std. Dev. (Hz)	Frequency in 15 Min Block (Hz)	
Maximum		Minimum					MAX	MIN
Freq	Time	Freq	Time					
50.21	18.02	49.72	23.10	49.97	0.07	0.08	50.16	49.89

**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	06:01	397	22:32	0.0	0.0	0.0	0.0
Gorakhpur	400	415	05:35	398	00:08	0.0	0.0	0.0	0.0
Bareilly	400	418	08:00	396	20:00	0.0	0.0	0.0	0.0
Kanpur	400	414	06:00	397	23:12	0.0	0.0	0.0	0.0
Dadri	400	410	06:01	316	13:20	0.8	0.8	0.0	0.0
Ballabgarh	400	417	06:00	397	23:13	0.0	0.0	0.0	0.0
Bawana	400	413	05:25	396	23:15	0.0	0.0	0.0	0.0
Bassi	400	415	06:00	395	23:12	0.0	0.0	0.0	0.0
Hissar	400	403	05:05	387	23:06	0.0	7.1	0.0	0.0
Moga	400	410	05:05	396	23:13	0.0	0.0	0.0	0.0
Abdullapur	400	411	13:00	396	10:50	0.0	0.0	0.0	0.0
Nalagarh	400	415	05:04	401	09:55	0.0	0.0	0.0	0.0
Kishenpur	400	415	05:03	403	14:12	0.0	0.0	0.0	0.0
Wagoora	400	411	03:15	381	20:19	0.0	14.0	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	06:01	756	00:07	0.0	0.0	0.0	0.0
Balia	765	765	18:03	748	00:06	0.0	0.0	0.0	0.0
Moga	765	784	05:03	762	00:05	0.0	0.0	0.0	0.0
Agra	765	786	18:02	746	23:12	0.0	0.0	0.0	0.0
Bhiwani	765	783	05:02	755	23:16	0.0	0.0	0.0	0.0
Unnao	765	0	00:00	9999.0	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	487.77	661.49	479.76	454.47	707.92	707.92
Pong	426.72	384.05	405.66	361.16	402.60	281.22	77.98	114.20
Tehri	829.79	740.04	752.60	67.00	742.70	13.00	180.37	223.00
Koteshwar	612.50	598.50	607.00	3.10	609.36	4.26	223.00	201.00
Chamera-I	760.00	748.75	757.88	0.00	0.00	0.00	350.64	354.15
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	521.58	1072.00	520.42	5.19	317.89	422.40

\* 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	118	568	0	118	307	0	3.33	11.27	14.61
Delhi	672	50	-30	515	0	-30	14.00	3.22	17.22
Haryana	68	234	0	93	208	0	2.21	5.36	7.57
HP	-843	-258	0	-488	-665	0	-15.21	-12.62	-27.83
J&K	-507	0	0	-395	59	0	-10.92	0.60	-10.32
CHD	0	0	0	0	0	0	0.24	0.42	0.66
Rajasthan	-121	657	2	-117	591	2	-2.86	17.66	14.80
UP	1239	0	0	945	0	0	24.73	0.00	24.73
Uttarakhand	74	87	45	74	323	45	1.77	5.39	7.15
<b>Total</b>	<b>700</b>	<b>1337</b>	<b>17</b>	<b>745</b>	<b>823</b>	<b>17</b>	<b>17.28</b>	<b>31.31</b>	<b>48.59</b>

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	217	118	608	201	1	0
Delhi	672	475	537	-170	-30	-30
Haryana	216	64	238	205	0	0
HP	-488	-995	-229	-784	0	0
J&K	-355	-545	199	-101	0	0
CHD	30	0	54	0	0	0
Rajasthan	-117	-121	1040	356	2	2
UP	1259	907	0	0	0	0
Uttarakhand	74	74	327	44	45	44

**XI. System Constraints:****XII. Grid Disturbance / Any Other Significant Event:****XIII. Weather Conditions For 30.05.2015 :**

Normal

**XIV. Synchronisation of new generating units :****XV. Synchronisation of new 220 / 400 / 765 KV lines and energising of bus / /substation :**

0.00

**XVI. Tripping of lines in pooling stations :****XVII. Complete generation loss in a generating station :**