

# पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पावरसिस्ट की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)



## उत्तरी क्षेत्रीय भार प्रेषण केंद्र

CIN: U40105DL2009GOI188682

**Power Supply Position in Northern Region for 24.05.2015**  
Date of Reporting : 25.05.2015

### 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
40086	2368	42454	50.16	41040	1617	42657	50.05	950.7	43.50

\* 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	40.01	18.50		58.51	88.28	88.37	0.09	146.88	0.00
Haryana	51.46	0.66		52.12	83.99	82.01	-1.98	134.13	0.00
Rajasthan	100.95	0.00	18.16	119.11	70.31	71.28	0.97	190.39	0.00
Delhi	22.01			22.01	79.48	78.42	-1.05	100.44	0.30
UP	124.88	15.40		140.28	136.84	135.47	-1.37	275.75	35.46
Uttarakhand		19.45		19.45	16.68	17.15	0.47	36.60	0.22
HP		21.38		21.38	2.44	2.31	-0.14	23.69	0.00
J & K		14.92	0.00	14.92	21.66	22.73	1.07	37.64	7.53
Chandigarh				0.00	5.23	5.20	0.27	5.20	0.00
<b>Total</b>	<b>339.31</b>	<b>90.31</b>	<b>18.16</b>	<b>447.78</b>	<b>504.91</b>	<b>502.93</b>	<b>-1.68</b>	<b>950.71</b>	<b>43.50</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	6131	0	160	335	6127	0	30	592	6874
Haryana	6145	0	-149	246	6161	0	-15	264	6823
Rajasthan	7475	0	-14	483	8451	0	71	390	8506
Delhi	4177	0	3	389	4588	2	218	689	5011
UP	11372	1960	-315	907	11953	1350	195	1169	12499
Uttarakhand	1729	40	105	200	1408	0	56	81	1741
HP	974	0	-54	-1313	811	0	-38	-1366	1130
J&K	1841	368	181	-322	1325	265	11	-608	1872
Chandigarh	242	0	-3	10	217	0	20	0	276
<b>Total</b>	<b>40086</b>	<b>2368</b>	<b>-87</b>	<b>935</b>	<b>41040</b>	<b>1617</b>	<b>547</b>	<b>1211</b>	<b>44058</b>

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

Diversity is 1.02

### 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	1563	1423	1840	39.50	1646	36.26	3.24	
	Rihand I STPS (2*500)	1000	470	463	509	10.66	444	9.87	0.79	
	Rihand II STPS (2*500)	1000	970	934	944	20.90	871	19.77	1.13	
	Rihand III STPS (2*500)	1000	966	866	1009	21.04	877	19.95	1.09	
	Dadri I STPS (4*210)	840	815	620	580	14.41	601	14.41	0.00	
	Dadri II STPS (2*490)	980	980	660	650	16.87	703	16.87	0.00	
	Unchahar I TPS (2*210)	420	405	289	309	6.96	290	7.44	-0.48	
	Unchahar II TPS (2*210)	420	401	251	271	6.59	275	7.05	-0.46	
	Unchahar III TPS (1*220)	210	201	122	141	3.15	131	3.54	-0.39	
	ISTPP (Jhajjar) (3*500)	1500	1500	654	627	14.66	611	14.76	-0.09	
	Dadri GPS (4*130.19+2*154.51)	830	805	366	390	8.91	371	8.99	-0.08	
	Anta GPS (3*88.71+1*153.2)	419	381	224	230	5.54	231	5.50	0.04	
	Auraiya GPS (4*111.19+2*109.30)	663	646	145	160	3.66	152	3.78	-0.12	
	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	0.08	3	0.07	0.01	
	KHEP	400	0	0	195	1.90	79	0.00	1.90	
<b>Sub Total (A)</b>	<b>11712</b>	<b>10108</b>	<b>7017</b>	<b>7855</b>	<b>175</b>	<b>7286</b>	<b>168</b>	<b>7</b>		
B. NPC	NAPS (2*220)	440	385	414	422	9.15	381	9.24	-0.09	
	RAPS- B (2*220)	440	420	409	416	8.84	368	10.08	-1.24	
	RAPS- C (2*220)	440	401	418	427	9.04	377	9.63	-0.59	
	<b>Sub Total (B)</b>	<b>1320</b>	<b>1206</b>	<b>1241</b>	<b>1265</b>	<b>27.03</b>	<b>1126</b>	<b>28.95</b>	<b>-1.91</b>	
C. NHPC	Chamera I HPS (3*180)	540	540	543	552	13.03	543	12.95	0.08	
	Chamera II HPS (3*100)	300	300	304	309	7.30	304	7.19	0.11	
	Chamera III HPS (3*77)	231	231	239	239	5.62	234	5.55	0.07	
	Bairasul HPS(3*60)	180	179	183	124	3.74	156	3.75	-0.01	
	Salal-HPS (6*115)	690	666	673	673	16.12	672	15.96	0.16	
	Tanakpur-HPS (3*40)	94	59	62	63	1.51	63	1.38	0.13	
	Uri-I HPS (4*120)	480	475	477	475	11.56	482	11.39	0.16	
	Uri-II HPS (4*60)	240	0	0	0	0.00	0	0.00	0.00	
	Dhauliganga-HPS (4*70)	280	222	212	221	4.69	195	4.60	0.09	
	Dulhasti-HPS (3*130)	390	387	409	397	9.39	391	9.29	0.10	
	Sewa-II HPS (3*40)	120	119	130	129	3.02	126	2.86	0.16	
	Parbati 3 (4*130)	520	260	260	0	3.76	157	3.71	0.06	
	<b>Sub Total (C)</b>	<b>4065</b>	<b>3438</b>	<b>3492</b>	<b>3182</b>	<b>80</b>	<b>3323</b>	<b>79</b>	<b>1</b>	
	D.SJVNL	NJPC (6*250)	1500	1605	1628	1630	38.73	1614	38.02	0.72
		Rampur HEP (6*68.67)	412	442	448	448	10.75	448	10.61	0.14
<b>Sub Total (D)</b>		<b>1912</b>	<b>2047</b>	<b>2076</b>	<b>2078</b>	<b>49.48</b>	<b>2062</b>	<b>48.62</b>	<b>0.86</b>	
E. THDC	Tehri HPS (4*250)	1000	290	298	294	6.71	280	6.70	0.01	
	Koteshwar HPS (4*100)	400	125	283	101	2.98	124	3.00	-0.02	
	<b>Sub Total (E)</b>	<b>1400</b>	<b>415</b>	<b>581</b>	<b>395</b>	<b>9.69</b>	<b>404</b>	<b>9.70</b>	<b>-0.01</b>	
F. BBMB	Bhakra HPS (3*108+2*126+6*157)	1514	846	1167	634	20.33	847	20.31	0.02	
	Dehar HPS (6*165)	990	605	825	495	14.79	616	14.51	0.28	
	Pong HPS (6*66)	396	51	198	0	1.22	51	1.23	-0.01	
	<b>Sub Total (F)</b>	<b>2900</b>	<b>1502</b>	<b>2190</b>	<b>1129</b>	<b>36.35</b>	<b>1514</b>	<b>36.06</b>	<b>0.29</b>	
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	210	155	3.55	148	4.22	-0.67	
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	1188	1200	27.52	1147	28.51	-0.99	
	Malana Stg-II HPS (2*50)	100	0	110	55	1.51	63	1.42	0.09	
	Shree Cement TPS (2*150)	300	0	206	294	4.97	207	4.87	0.10	
	Budhil HPS(IPP)	70	0	72	72	1.73	72	1.73	0.01	
	<b>Sub Total (G)</b>	<b>1662</b>	<b>0</b>	<b>1786</b>	<b>1775</b>	<b>39.29</b>	<b>1637</b>	<b>40.76</b>	<b>-1.47</b>	
<b>H. Total Regional Entities (A-G)</b>	<b>24972</b>	<b>18717</b>	<b>18384</b>	<b>17679</b>	<b>416.47</b>	<b>17353</b>	<b>411.06</b>	<b>5.41</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	7.79	324
	Guru Nanak Dev TPS(Bhatinda) (4*110)	440	110	110	2.40	100
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	174	172	3.89	162
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	697	722	18.82	784
	Talwandi Saboo (1*660)	660	389	374	7.11	296
	<b>Thermal (Total)</b>	<b>4680</b>	<b>1690</b>	<b>1698</b>	<b>40.01</b>	<b>1667</b>
	Total Hydro	1148	763	771	18.50	771
	<b>Total Punjab</b>	<b>5828</b>	<b>2453</b>	<b>2469</b>	<b>58.51</b>	<b>2438</b>
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00	0
	DCRTPP (Yamuna nagar) (2*300)	600	480	333	11.13	464
	Faridabad GPS (NTPC)	432	179	192	4.32	180
	RGTPP (kheadar) (IPP) (2*600)	1200	730	952	18.66	777
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	741	746	17.35	723
	<b>Thermal (Total)</b>	<b>4944</b>	<b>2130</b>	<b>2223</b>	<b>51.46</b>	<b>2144</b>
	Total Hydro	62	27	26	0.66	28
	<b>Total Haryana</b>	<b>5006</b>	<b>2157</b>	<b>2249</b>	<b>52.12</b>	<b>2172</b>
	Rajasthan	kota TPS (2*110+2*195+3*210)	1240	690	691	16.75
suratgarh TPS (6*250)		1500	374	378	9.17	382
Chabra TPS (4*250)		1000	616	587	13.84	577
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	191	196	4.83	201
RAPS A (NPC) (1*100+1*200)		300	126	130	3.39	141
Barsingar (NLC) (2*125)		250	66	66	1.31	54
Giral LTPS (2*125)		250	0	0	0.00	0
Rajwest LTPS (IPP) (8*135)		1080	610	829	17.82	742
VS LIGNITE LTPS (IPP) (1*135)		135	0	0	0.00	0
Kalisindh Thermal(1*600)		600	440	457	10.71	446
Kawai(Adani) (2*660)		1320	1084	1207	23.13	964
<b>Thermal (Total)</b>		<b>8276</b>	<b>4197</b>	<b>4541</b>	<b>101</b>	<b>4206</b>
Total Hydro		550	0	0	0.00	0
Wind power		2798	295	1049	17.68	737
Biomass		99	19	19	0.45	19
Solar		730	0	0	0.03	1
Renewable/Others (Total)		3627	314	1068	18.16	757
<b>Total Rajasthan</b>		<b>12453</b>	<b>4511</b>	<b>5609</b>	<b>119.11</b>	<b>4963</b>
UP		Anpara TPS (3*210+2*500)	1630	1278	1218	30.60
	Obra TPS (2*50+2*94+5*200)	1194	284	288	6.40	267
	Paricha TPS (2*110+2*220+2*250)	1140	796	775	19.20	800
	Panki TPS (2*105)	210	144	144	3.40	142
	Harduaganj TPS (1*60+1*105+2*250)	665	432	398	10.60	442
	Tanda TPS (NTPC) (4*110)	440	390	390	7.59	316
	Roza TPS (IPP) (4*300)	1200	1062	1062	24.47	1020
	Anpara-C (IPP) (2*600)	1200	549	540	13.55	564
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	187	324	6.18	257
	Anpara-D	500	0	0	0.00	0
	<b>Thermal (Total)</b>	<b>8629</b>	<b>5122</b>	<b>5139</b>	<b>122</b>	<b>5083</b>
	Vishnuparyag HPS (IPP)(including Alaknanda)	400	597	596	13.78	574
	Other Hydro	527	65	65	1.62	67
	Cogeneration	981	120	120	2.90	121
	<b>Total UP</b>	<b>10537</b>	<b>5904</b>	<b>5920</b>	<b>140.28</b>	<b>5271</b>
Uttarakhand	Total Hydro	1398	819	812	19.45	811
	<b>Total Uttarakhand</b>	<b>1398</b>	<b>819</b>	<b>812</b>	<b>19.45</b>	<b>811</b>
Delhi	Rajghat TPS (2*67.5)	135	0	0	-0.23	-9
	Delhi Gas Turbine (6x30 + 3x34)	282	70	73	1.66	69
	Praagati Gas Turbine (2x104+ 1x122)	330	262	264	6.40	267
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (6*250)	1370	280	269	6.58	274
	Badarpur TPS (NTPC) (3*95+2*210)	705	326	328	7.61	317
	<b>Thermal (Total)</b>	<b>2917</b>	<b>938</b>	<b>934</b>	<b>22.01</b>	<b>917</b>
<b>Total Delhi</b>	<b>2917</b>	<b>938</b>	<b>934</b>	<b>22.01</b>	<b>917</b>	
HP	Baspa HPS (IPP) (2*150)	300	304	304	7.56	315
	Malana HPS (IPP) (2*43)	86	82	84	1.40	58
	Other Hydro	728	523	513	12.42	517
	<b>Total HP</b>	<b>1114</b>	<b>909</b>	<b>901</b>	<b>21.38</b>	<b>891</b>
J & K	Baglihar HPS (IPP) (3*150)	450	450	450	10.80	450
	Other Hydro/IPP	436	171	171	4.12	171
	Gas/Diesel/Others	209	0	0	0.00	0
	<b>Total J &amp; K</b>	<b>1094</b>	<b>621</b>	<b>621</b>	<b>14.92</b>	<b>621</b>
<b>Total State Control Area Generation</b>		<b>40347</b>	<b>18312</b>	<b>19515</b>	<b>447.78</b>	<b>18083</b>
<b>J. Net Inter Regional Exchange (import +ve)/Export (-ve)</b>			<b>5698</b>	<b>4966</b>	<b>110.18</b>	<b>4591</b>
<b>Total Regional Availability(Gross)</b>		<b>65319</b>	<b>42394</b>	<b>42160</b>	<b>974.43</b>	<b>40027</b>

#### IV. Total Hydro Generation:

Regional Entities Hydro	11969	9848	8389	209.758567	8740
State Control Area Hydro	5684	3204	3196	90.31	3189
<b>Total Regional Hydro</b>	<b>17654</b>	<b>13052</b>	<b>11585</b>	<b>300.07</b>	<b>11929</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	-400	0	400	0.00	6.47	-6.47		
Gwalior-Agra (D/C)	1869	1524	1989	0	31.03	0.00	31.03		
Zerda-Kankroli	-10	-216	17	279	0.00	4.49	-4.49		
Zerda-Bhinmal	25	-198	60	267	0.00	3.46	-3.46		
Malanpur-Auraiya	0	0	0	0	0.00	0.00	0.00		
Badod-Kota/Morak	14	-35	48	69	0.00	0.30	-0.30		
Mundra-Mohindergarh(HVDC)	2197	2503	2506	0	57.24	0.00	57.24		
Vindhychal - Rihand	366	424	499	0	8.11	0.00	8.11		
<b>Sub Total WR</b>	<b>4261</b>	<b>3602</b>			<b>96.37</b>	<b>14.73</b>	<b>81.64</b>		
Pusauli Bypass	200	100	200	0	3.38	0.00	3.38		
MZP- GKP (D/C)	281	314	413	0	7.01	0.00	7.01		
Patna-Balia(D/C)	446	375	468	0	9.06	0.00	9.06		
B'Sharif-Balia (D/C)	69	129	160	30	2.21	0.00	2.21		
Pusauli-Balia	244	177	285	0	2.13	0.00	2.13		
Gaya-Fatehpur (765 Kv)	0	0	0	0	0.00	0.00	0.00		
Pusauli-Sahupuri	174	207	210	0	3.90	0.00	3.90		
K'nasa-Sahupuri	0	0	0	0	0.48	0.00	0.48		
Son Ngr-Rihand	-38	-40	0	45	0.00	0.91	-0.91		
Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00		
Sasaram - Fatehpur(765 KV)	61	102	139	113	1.28	0.00	1.28		
<b>Sub Total ER</b>	<b>1437</b>	<b>1364</b>			<b>29.45</b>	<b>0.91</b>	<b>28.54</b>		
<b>Total IR Exch</b>	<b>5698</b>	<b>4966</b>			<b>125.82</b>	<b>15.64</b>	<b>110.18</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
32.77	1.56	34.32	11.13	-2.85	-1.04	-8.08	0.58	-0.58

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
45.00	67.73	112.73	28.54	81.64	110.18	-16.46	13.91	-2.55

**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 - Mahendarnagar	-40	-4	0	40	0	1	-0.53		

**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	0.29	7.89	47.89	65.69	14.84	9.70	1.94	NA

Frequency (Hz) ----->				Average Frequency Hz	Frequency Variation Index	Std. Dev. (Hz)	Frequency in 15 Min Block	
Maximum		Minimum					MAX (Hz)	MIN (Hz)
Freq	Time	Freq	Time					
50.42	19.21	49.74	22.04	50.01	0.07	0.08	50.37	49.94

**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	410	10:07	399	00:31	0.0	0.0	0.0	0.0
Gorakhpur	400	415	18:05	399	23:14	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	423	18:05	397	23:04	0.0	0.0	0.6	0.0
Dadri	400	416	08:05	396	23:03	0.0	0.0	0.0	0.0
Ballabgarh	400	425	18:05	398	23:04	0.0	0.0	5.8	0.0
Bawana	400	417	18:02	397	23:04	0.0	0.0	0.0	0.0
Bassi	400	423	18:06	392	23:04	0.0	0.0	0.7	0.0
Hissar	400	408	18:03	386	23:04	0.0	6.1	0.0	0.0
Moga	400	414	18:03	398	23:04	0.0	0.0	0.0	0.0
Abdullapur	400	414	06:01	396	23:05	0.0	0.0	0.0	0.0
Nalagarh	400	414	18:06	380	02:36	0.0	18.7	0.0	0.0
Kishenpur	400	416	03:13	403	21:21	0.0	0.0	0.0	0.0
Wagoora	400	412	03:13	384	21:28	0.0	8.5	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	0	00:00	9999	00:00	0.0	0.0	0.0	0.0
Balia	765	758	02:00	753	00:00	0.0	0.0	0.0	0.0
Moga	765	795	18:03	759	23:05	0.0	0.0	0.0	0.0
Agra	765	797	18:06	742	23:05	0.0	0.0	0.0	0.0
Bhiwani	765	797	18:01	758	23:04	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 (m <sup>3</sup> /s)	Usage (m <sup>3</sup> /s)
Bhakra	513.59	445.62	487.62	661.49	479.97	461.24	870.20	704.10
Pong	426.72	384.05	405.67	361.16	403.08	288.96	209.88	83.19
Tehri	829.79	740.04	753.70	74.00	744.40	21.00	148.32	219.00
Koteshwar	612.50	598.50	606.85	3.32	610.47	4.80	219.00	198.00
Chamera-I	760.00	748.75	758.49	0.00	0.00	0.00	375.82	352.95
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	522.41	10.76	520.23	6.74	319.80	418.62

\* 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	31	561	0	23	313	0	0.68	11.68	12.37
Delhi	670	23	-4	514	-122	-4	14.03	-0.58	13.45
Haryana	68	196	0	93	153	0	1.76	4.06	5.82
HP	-762	-604	0	-509	-805	0	-14.24	-16.78	-31.02
J&K	-558	-51	0	-396	74	0	-11.17	0.39	-10.79
CHD	0	0	0	0	10	0	0.24	0.14	0.38
Rajasthan	-121	509	2	-117	598	2	-2.86	14.75	11.89
UP	1169	0	0	907	0	0	23.27	0.00	23.27
Uttarakhand	74	7	0	74	127	0	1.77	1.70	3.47
<b>Total</b>	<b>571</b>	<b>642</b>	<b>-2</b>	<b>590</b>	<b>347</b>	<b>-2</b>	<b>13.47</b>	<b>15.36</b>	<b>28.84</b>

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	31	23	584	309	0	0
Delhi	721	475	461	-259	-4	-4
Haryana	93	64	197	153	0	0
HP	-509	-863	-598	-928	0	0
J&K	-355	-558	182	-51	0	0
CHD	30	0	30	0	0	0
Rajasthan	-117	-121	720	254	2	2
UP	1172	843	0	0	0	0
Uttarakhand	74	74	132	7	0	0

**XI. System Constraints:****XII. Grid Disturbance / Any Other Significant Event:****XIII. Weather Conditions For 24.05.2015 :**  
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 :**