

# पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पावरसिड की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)



## उत्तरी क्षेत्रीय भार प्रेषण केंद्र

CIN: U40105DL2009GOI188682

Power Supply Position in Northern Region for 18.05.2015  
Date of Reporting : 19.05.2015

### 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
41067	2576	43642	50.07	38560	1005	39565	50.15	933.9	41.53

\* 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	32.44	19.75		52.19	86.75	87.00	0.25	139.19	0.00
Haryana	46.43	0.66		47.09	87.08	86.81	-0.28	133.90	0.00
Rajasthan	102.67	0.02	19.68	122.37	71.17	71.12	-0.05	193.49	0.00
Delhi	21.72			21.72	78.82	80.13	1.31	101.85	0.16
UP	131.80	1.71		133.51	132.46	132.79	0.33	266.30	34.81
Uttarakhand		18.69		18.69	19.50	20.17	0.67	38.86	0.72
HP		21.80		21.80	2.98	3.77	0.79	25.56	0.00
J & K		14.32	0.00	14.32	16.29	14.83	-1.46	29.16	5.83
Chandigarh				0.00	5.22	5.62	0.27	5.62	0.00
<b>Total</b>	<b>335.06</b>	<b>76.96</b>	<b>19.68</b>	<b>431.70</b>	<b>500.28</b>	<b>502.24</b>	<b>1.84</b>	<b>933.94</b>	<b>41.53</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	6108	0	-149	343	5632	0	73	563	6247
Haryana	6476	0	-265	269	5589	0	-46	218	6737
Rajasthan	7790	0	26	489	7825	0	37	487	8878
Delhi	4322	0	-120	839	4233	0	257	692	5005
UP	11358	2135	235	964	12293	910	-85	1011	12404
Uttarakhand	1866	75	38	201	1459	0	-11	131	1866
HP	1066	0	-24	-1264	865	0	14	-1391	1215
J&K	1828	366	344	-346	477	95	-471	-507	1883
Chandigarh	253	0	17	0	188	0	9	0	290
<b>Total</b>	<b>41067</b>	<b>2576</b>	<b>101</b>	<b>1495</b>	<b>38560</b>	<b>1005</b>	<b>-223</b>	<b>1205</b>	<b>43175</b>

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

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### 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	1691	1835	1706	42.92	1788	39.79	3.12
	Rihand I STPS (2*500)	1000	465	365	533	11.07	461	9.95	1.12
	Rihand II STPS (2*500)	1000	954	930	868	21.52	897	19.95	1.57
	Rihand III STPS (2*500)	1000	954	975	711	21.14	881	20.06	1.08
	Dadri I STPS (4*210)	840	615	433	660	11.59	483	10.87	0.72
	Dadri II STPS (2*490)	980	980	660	701	16.93	705	16.68	0.25
	Unchahar I TPS (2*210)	420	405	387	248	7.89	329	8.38	-0.48
	Unchahar II TPS (2*210)	420	401	362	248	6.87	286	7.29	-0.42
	Unchahar III TPS (1*220)	210	201	130	125	3.23	135	3.51	-0.28
	ISTPP (Jhajjar) (3*500)	1500	1500	159	172	98.30	4096	16.37	81.93
	Dadri GPS (4*130.19+2*154.51)	830	812	299	332	7.36	307	7.38	-0.02
	Anta GPS (3*88.71+1*153.2)	419	382	199	227	4.96	207	5.00	-0.04
	Auraiya GPS (4*111.19+2*109.30)	663	644	141	160	3.41	142	3.33	0.09
	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	0.06	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>10010</b>	<b>6875</b>	<b>6691</b>	<b>257</b>	<b>10721</b>	<b>169</b>	<b>89</b>
B. NPC	NAPS (2*220)	440	388	420	420	9.31	388	9.31	0.00
	RAPS- B (2*220)	440	367	410	416	8.79	366	7.30	1.49
	RAPS- C (2*220)	440	405	433	443	9.40	392	9.72	-0.32
	<b>Sub Total (B)</b>	<b>1320</b>	<b>1160</b>	<b>1263</b>	<b>1279</b>	<b>27.51</b>	<b>1146</b>	<b>26.33</b>	<b>1.17</b>
C. NHPC	Chamera I HPS (3*180)	540	534	543	510	12.90	537	12.70	0.19
	Chamera II HPS (3*100)	300	300	314	279	7.26	302	7.09	0.17
	Chamera III HPS (3*77)	231	231	231	225	5.58	233	5.47	0.11
	Bairasul HPS(3*60)	180	179	184	185	4.33	180	4.22	0.12
	Salal-HPS (6*115)	690	439	674	0	10.73	447	10.56	0.16
	Tanakpur-HPS (3*40)	94	56	80	50	1.42	59	1.31	0.11
	Uri-I HPS (4*120)	480	475	477	475	11.51	480	11.26	0.25
	Uri-II HPS (4*60)	240	0	0	0	0.00	0	0.00	0.00
	Dhauliganga-HPS (4*70)	280	210	213	203	4.99	208	4.77	0.22
	Dulhasti-HPS (3*130)	390	387	406	398	9.13	380	9.29	-0.16
	Sewa-II HPS (3*40)	120	119	130	128	3.08	128	2.82	0.26
	Parbati 3 (4*130)	520	348	134	132	3.04	127	3.04	0.00
	<b>Sub Total (C)</b>	<b>4065</b>	<b>3278</b>	<b>3387</b>	<b>2585</b>	<b>74</b>	<b>3082</b>	<b>73</b>	<b>1</b>
D.SJVNL	NJPC (6*250)	1500	1605	1619	1624	38.48	1603	38.43	0.05
	Rampur HEP (6*68.67)	412	438	438	449	10.65	444	10.51	0.14
	<b>Sub Total (D)</b>	<b>1912</b>	<b>2043</b>	<b>2057</b>	<b>2073</b>	<b>49.13</b>	<b>2047</b>	<b>48.94</b>	<b>0.19</b>
E. THDC	Tehri HPS (4*250)	1000	358	297	290	8.15	339	8.12	0.03
	Koteshwar HPS (4*100)	400	179	301	201	4.30	179	4.30	0.00
	<b>Sub Total (E)</b>	<b>1400</b>	<b>537</b>	<b>598</b>	<b>491</b>	<b>12.45</b>	<b>519</b>	<b>12.42</b>	<b>0.03</b>
F. BBMB	Bhakra HPS (3*108+2*126+6*157)	1514	769	1135	488	18.61	775	18.47	0.14
	Dehar HPS (6*165)	990	599	660	495	14.83	618	14.38	0.44
	Pong HPS (6*66)	396	106	252	66	2.49	104	2.53	-0.04
	<b>Sub Total (F)</b>	<b>2900</b>	<b>1474</b>	<b>2047</b>	<b>1049</b>	<b>35.92</b>	<b>1497</b>	<b>35.38</b>	<b>0.54</b>
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	215	183	4.32	180	4.22	0.09
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	1200	1200	28.57	1191	28.49	0.08
	Malana Stg-II HPS (2*50)	100	0	109	61	1.55	64	1.45	0.10
	Shree Cement TPS (2*150)	300	0	242	284	6.04	252	6.08	-0.03
	Budhil HPS(IPP)	70	0	70	37	1.41	59	1.49	-0.09
	<b>Sub Total (G)</b>	<b>1662</b>	<b>0</b>	<b>1836</b>	<b>1764</b>	<b>41.88</b>	<b>1745</b>	<b>41.73</b>	<b>0.15</b>
<b>H. Total Regional Entities (A-G)</b>		<b>24972</b>	<b>18503</b>	<b>18063</b>	<b>15933</b>	<b>498.15</b>	<b>20756</b>	<b>406.05</b>	<b>92.11</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	210	160	3.83	160	
	Guru Nanak Dev TPS(Bhatinda) (4*110)	440	120	100	2.38	99	
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	0	0	-0.27	-11	
	Goindwal(GVK)		0	0	0.00	0	
	Rajpura (2*700)	1400	1382	857	26.50	1104	
	Talwandi Saboo (1*660)	660	0	0	0.00	0	
	<b>Thermal (Total)</b>	<b>4680</b>	<b>1712</b>	<b>1117</b>	<b>32.44</b>	<b>1352</b>	
	Total Hydro	1148	808	835	19.75	823	
	<b>Total Punjab</b>	<b>5828</b>	<b>2520</b>	<b>1952</b>	<b>52.19</b>	<b>2175</b>	
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	450	453	10.21	425	
	DCRTPP (Yamuna nagar) (2*300)	600	478	475	11.56	482	
	Faridabad GPS (NTPC)	432	179	184	4.50	188	
	RGTPP (kheadar) (IPP) (2*600)	1200	387	376	9.83	410	
	Magnum Diesel (IPP)	25	0	0	0.00	0	
	Jhajjar(CLP) (2*660)	1320	412	416	10.34	431	
	<b>Thermal (Total)</b>	<b>4944</b>	<b>1906</b>	<b>1904</b>	<b>46.43</b>	<b>1935</b>	
	Total Hydro	62	28	24	0.66	28	
	<b>Total Haryana</b>	<b>5006</b>	<b>1934</b>	<b>1928</b>	<b>47.09</b>	<b>1962</b>	
	Rajasthan	kota TPS (2*110+2*195+3*210)	1240	740	696	17.06	711
		suratgarh TPS (6*250)	1500	580	567	14.02	584
Chabra TPS (4*250)		1000	569	572	14.32	597	
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	192	202	4.97	207	
RAPS A (NPC) (1*100+1*200)		300	141	140	3.48	145	
Barsingar (NLC) (2*125)		250	57	91	1.28	53	
Giral LTPS (2*125)		250	0	0	0.00	0	
Rajwest LTPS (IPP) (8*135)		1080	628	704	16.19	674	
VS LIGNITE LTPS (IPP) (1*135)		135	0	0	0.00	0	
Kalisindh Thermal(1*600)		600	569	473	11.60	483	
Kawai(Adani) (2*660)		1320	875	490	19.77	824	
<b>Thermal (Total)</b>		<b>8276</b>	<b>4351</b>	<b>3935</b>	<b>103</b>	<b>4278</b>	
Total Hydro		550	0	0	0.02	1	
Wind power		2798	400	1112	18.97	790	
Biomass		99	25	25	0.59	25	
Solar		730	0	0	0.12	5	
Renewable/Others (Total)		3627	425	1137	19.68	820	
<b>Total Rajasthan</b>		<b>12453</b>	<b>4776</b>	<b>5072</b>	<b>122.37</b>	<b>5099</b>	
UP		Anpara TPS (3*210+2*500)	1630	1356	1320	31.34	1306
	Obra TPS (2*50+2*94+5*200)	1194	469	469	11.01	459	
	Paricha TPS (2*110+2*220+2*250)	1140	731	851	17.28	720	
	Panki TPS (2*105)	210	113	122	2.52	105	
	Harduaganj TPS (1*60+1*105+2*250)	665	16	222	3.75	156	
	Tanda TPS (NTPC) (4*110)	440	285	395	9.16	382	
	Roza TPS (IPP) (4*300)	1200	756	1062	22.34	931	
	Anpara-C (IPP) (2*600)	1200	1089	1085	25.98	1083	
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	227	315	5.44	227	
	Anpara-D	500	0	0	0.11	4	
	<b>Thermal (Total)</b>	<b>8629</b>	<b>5042</b>	<b>5841</b>	<b>129</b>	<b>5372</b>	
	Vishnuparyag HPS (IPP)(including Alaknanda)	400	596	584	0.00	0	
	Other Hydro	527	87	65	1.71	71	
	Cogeneration	981	120	120	2.88	120	
	<b>Total UP</b>	<b>10537</b>	<b>5845</b>	<b>6610</b>	<b>133.51</b>	<b>5563</b>	
Uttarakhand	Total Hydro	1398	804	730	18.69	779	
	<b>Total Uttarakhand</b>	<b>1398</b>	<b>804</b>	<b>730</b>	<b>18.69</b>	<b>779</b>	
Delhi	Rajghat TPS (2*67.5)	135	41	44	1.03	43	
	Delhi Gas Turbine (6x30 + 3x34)	282	106	109	2.56	107	
	Pragati Gas Turbine (2x104+ 1x122)	330	273	148	5.41	225	
	Rithala GPS (3*36)	95	0	0	0.00	0	
	Bawana GPS (6*250)	1370	278	270	6.59	275	
	Badarpur TPS (NTPC) (3*95+2*210)	705	331	339	6.14	256	
	Thermal (Total)	2917	1029	910	21.72	905	
	<b>Total Delhi</b>	<b>2917</b>	<b>1029</b>	<b>910</b>	<b>21.72</b>	<b>905</b>	
HP	Baspa HPS (IPP) (2*150)	300	331	321	7.84	327	
	Malana HPS (IPP) (2*43)	86	90	44	1.43	60	
	Other Hydro	728	519	514	12.52	522	
	<b>Total HP</b>	<b>1114</b>	<b>940</b>	<b>879</b>	<b>21.80</b>	<b>908</b>	
J & K	Baglihar HPS (IPP) (3*150)	450	438	440	10.55	440	
	Other Hydro/IPP	436	164	145	3.77	157	
	Gas/Diesel/Others	209	0	0	0.00	0	
	<b>Total J &amp; K</b>	<b>1094</b>	<b>602</b>	<b>585</b>	<b>14.32</b>	<b>597</b>	
<b>Total State Control Area Generation</b>		<b>40347</b>	<b>18450</b>	<b>18666</b>	<b>431.70</b>	<b>17987</b>	
<b>J. Net Inter Regional Exchange [import (+ve)/Export (-ve)]</b>			<b>1322</b>	<b>1058</b>	<b>109.71</b>	<b>4571</b>	
<b>Total Regional Availability(Gross)</b>		<b>65319</b>	<b>37835</b>	<b>35657</b>	<b>1039.57</b>	<b>43315</b>	

#### IV. Total Hydro Generation:

Regional Entities Hydro	11969	9613	7642	205.890751	8579
State Control Area Hydro	5684	3269	3118	76.96	3207
<b>Total Regional Hydro</b>	<b>17654</b>	<b>12882</b>	<b>10760</b>	<b>282.85</b>	<b>11785</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	-150	-150	0	150	0.00	3.50	-3.50		
Gwalior-Agra (D/C)	-1787	-1431	1855	0	32.21	0.00	32.21		
Zerda-Kankroli	-84	-183	0	306	0.00	5.31	-5.31		
Zerda-Bhinmal	-24	-150	0	267	0.00	3.87	-3.87		
Malanpur-Auraiya	-52	-63	0	76	0.00	1.25	-1.25		
Badod-Kota/Morak	-44	-44	3	90	0.00	1.09	-1.09		
Mundra-Mohindergarh(HVDC)	2202	1999	2407	0	50.21	0.00	50.21		
Vindhychal - Rihand	471	402	496	0	10.68	0.00	10.68		
<b>Sub Total WR</b>	<b>532</b>	<b>380</b>			<b>93.11</b>	<b>15.03</b>	<b>78.08</b>		
Pusaui Bypass	-271	-231	0	325	0.00	5.89	-5.89		
MZP- GKP (D/C)	-364	-331	460	0	7.78	0.00	7.78		
Patna-Balia(D/C)	492	441	555	0	11.21	0.00	11.21		
B'Sharif-Balia (D/C)	155	155	271	0	4.07	0.00	4.07		
Pusaui-Balia	308	218	407	0	3.26	0.00	3.26		
Gaya-Fatehpur (765 Kv)	0	0	0	0	0.00	0.00	0.00		
Pusaui-Sahupuri	172	218	222	0	4.36	0.00	4.36		
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)	298	208	420	0	6.85	0.00	6.85		
<b>Sub Total ER</b>	<b>790</b>	<b>678</b>			<b>37.53</b>	<b>5.89</b>	<b>31.64</b>		
<b>Total IR Exch</b>	<b>1322</b>	<b>1058</b>			<b>130.63</b>	<b>20.92</b>	<b>109.71</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
34.11	1.95	36.05	11.20	-7.42	3.66	-1.33	0.86	-0.86

Total IR Schedule (MU)			Total IR Actual (MU)			Net IR UI (MU)		
Through ER	Through WR Incld Mndra	Total	Through ER	Through WR	Total	Through ER	Through WR	Total
51.78	59.54	111.32	31.64	78.08	109.71	-20.14	18.54	-1.61

**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	16	8	0	33	0	0	-0.30		

**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	1.26	8.81	47.95	67.11	18.24	5.22	0.73	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					
50.31	18.03	49.73	13.44	50.00	0.06	0.08	50.24	36.26

**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	404	18:16	399	00:46	0.0	0.0	0.0	0.0
Gorakhpur	400	415	06:01	398	23:13	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	417	06:01	396	23:08	0.0	0.0	0.0	0.0
Dadri	400	420	03:37	401	23:04	79.1	79.1	0.0	0.0
Ballabgarh	400	423	06:01	399	23:07	0.0	0.0	1.5	0.0
Bawana	400	417	18:02	399	23:08	0.0	0.0	0.0	0.0
Bassi	400	420	03:59	391	23:11	0.0	0.0	0.0	0.0
Hissar	400	408	06:02	387	23:11	0.0	3.6	0.0	0.0
Moga	400	416	05:58	397	23:11	0.0	0.0	0.0	0.0
Abdullapur	400	413	06:01	396	23:14	0.0	0.0	0.0	0.0
Nalagarh	400	414	03:37	400	16:26	0.0	0.0	0.0	0.0
Kishenpur	400	423	02:53	400	21:20	0.0	0.0	15.9	0.0
Wagoora	400	417	05:17	378	21:20	2.5	15.5	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	778	18:02	744	23:09	0.0	0.0	0.0	0.0
Balia	765	773	18:02	742	22:49	0.0	0.0	0.0	0.0
Moga	765	797	06:02	771	09:38	0.0	0.0	0.0	0.0
Agra	765	789	06:01	749	23:15	0.0	0.0	0.0	0.0
Bhiwani	765	795	04:00	760	23:08	0.0	0.0	0.0	0.0
Unnao	765	768	06:02	732	23:08	0.0	13.1	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	486.65	636.01	480.61	474.82	838.29	647.46
Pong	426.72	384.05	405.40	352.07	403.29	296.79	172.48	166.42
Tehri	829.79	740.04	753.45	73.00	746.45	32.00	146.30	265.00
Koteswar	612.50	598.50	610.80	4.97	610.25	4.69	265.00	285.00
Chamera-I	760.00	748.75	755.94	0.00	0.00	0.00	437.99	349.15
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	523.16	10.77	520.66	7.78	325.23	420.19

\* 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	32	531	0	23	320	0	0.84	11.85	12.69
Delhi	672	36	-16	514	325	0	14.33	4.30	18.63
Haryana	68	150	0	93	176	0	1.76	4.23	5.99
HP	-661	-730	0	-509	-755	0	-13.43	-17.48	-30.91
J&K	-507	0	0	-396	49	0	-11.28	0.29	-10.98
CHD	0	0	0	0	0	0	0.24	0.00	0.24
Rajasthan	-121	606	2	-117	605	2	-2.86	16.94	14.08
UP	1011	0	0	964	0	0	23.14	0.00	23.14
Uttarakhand	74	58	0	74	127	0	1.77	1.44	3.21
<b>Total</b>	<b>567</b>	<b>651</b>	<b>-14</b>	<b>647</b>	<b>847</b>	<b>2</b>	<b>14.51</b>	<b>21.57</b>	<b>36.08</b>

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	44	23	597	315	0	0
Delhi	679	475	536	-78	0	-16
Haryana	93	64	199	147	0	0
HP	-509	-661	-578	-882	0	0
J&K	-355	-596	98	0	0	0
CHD	30	0	0	0	0	0
Rajasthan	-117	-121	1077	588	2	0
UP	1030	887	0	0	0	0
Uttarakhand	74	74	130	7	0	0

**XI. System Constraints:****XII. Grid Disturbance / Any Other Significant Event:****XIII. Weather Conditions For 18.05.2015 :**

Rainfall in Jammu and Kashmir

**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 :**