

# पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पावरसिस्ट की पूर्ण स्वामित्व प्राप्त महायुक्त कंपनी)



## उत्तरी क्षेत्रीय भार प्रेषण केंद्र

CIN: U40105DL2009GOI188682

Power Supply Position in Northern Region for 19.05.2015  
Date of Reporting : 20.05.2015

### 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
32718	431	33149	0.00	42060	1458	43518	50.09	920.2	30.24

\* 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	35.64	19.10		54.74	93.18	92.45	-0.73	147.18	0.00
Haryana	46.19	0.66		46.86	80.20	74.05	-6.15	120.91	0.00
Rajasthan	102.77	0.16	11.89	114.81	65.46	60.35	-5.11	175.16	0.00
Delhi	23.64			23.64	77.80	76.36	-1.43	100.00	0.25
UP	127.60	15.68		143.28	127.65	125.12	-2.53	268.40	21.91
Uttarakhand		18.96		18.96	19.59	20.72	1.13	39.68	0.65
HP		21.66		21.66	3.82	4.35	0.53	26.01	0.00
J & K		14.32	0.00	14.32	21.04	22.79	1.75	37.12	7.42
Chandigarh				0.00	5.47	5.74	0.27	5.74	0.00
<b>Total</b>	<b>335.84</b>	<b>90.55</b>	<b>11.89</b>	<b>438.28</b>	<b>494.21</b>	<b>481.93</b>	<b>-12.28</b>	<b>920.21</b>	<b>30.24</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	6230	0	-42	513	6028	0	65	765	6618
Haryana	4669	0	75	297	6364	0	-37	265	6687
Rajasthan	4986	0	-581	525	8436	0	157	590	9106
Delhi	3488	0	-243	577	4456	22	88	595	4942
UP	8532	0	-521	964	12729	1170	167	1179	12860
Uttarakhand	1717	75	-64	192	1583	0	68	117	1828
HP	1061	0	-15	-1217	926	0	30	-1386	1209
J&K	1780	356	131	-346	1331	266	-46	-558	1823
Chandigarh	254	0	27	0	207	0	23	0	282
<b>Total</b>	<b>32718</b>	<b>431</b>	<b>-1233</b>	<b>1505</b>	<b>42060</b>	<b>1458</b>	<b>515</b>	<b>1567</b>	<b>43253</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 Capacity(MW)	Peak MW (Gross)	Off Peak MW (Gross)	Energy (Net MU)	Average Sentout(MW)	Schedule Net MU	UI Net MU
		(Effective) MW							
	Singrauli STPS (5*200+2*500)	2000	1687	1340	1837	39.80	1658	36.30	3.50
	Rihand I STPS (2*500)	1000	454	390	450	10.64	443	9.66	0.98
	Rihand II STPS (2*500)	1000	956	930	1005	21.20	884	19.84	1.36
	Rihand III STPS (2*500)	1000	955	975	995	21.00	875	19.65	1.35
	Dadri I STPS (4*210)	840	615	440	499	11.42	476	10.66	0.76
	Dadri II STPS (2*490)	980	980	672	722	16.69	695	16.61	0.08
	Unchahar I TPS (2*210)	420	405	306	300	7.29	304	7.80	-0.51
	Unchahar II TPS (2*210)	420	401	275	287	6.76	282	7.09	-0.33
	Unchahar III TPS (1*220)	210	201	128	126	3.29	137	3.60	-0.31
	ISTPP (Jhajjar) (3*500)	1500	1500	671	632	14.80	617	14.93	-0.13
	Dadri GPS (4*130.19+2*154.51)	830	806	245	382	7.88	328	7.87	0.01
	Anta GPS (3*88.71+1*153.2)	419	380	200	230	5.41	225	5.25	0.16
	Auraiya GPS (4*111.19+2*109.30)	663	644	134	157	3.58	149	3.63	-0.05
	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	196	0	3.36	140	0.00	3.36
	<b>Sub Total (A)</b>	<b>11712</b>	<b>9990</b>	<b>6902</b>	<b>7622</b>	<b>173</b>	<b>7219</b>	<b>163</b>	<b>10</b>
B. NPC	NAPS (2*220)	440	384	421	412	8.93	372	9.22	-0.29
	RAPS- B (2*220)	440	180	0	413	4.23	176	7.30	-3.07
	RAPS- C (2*220)	440	205	0	440	4.31	180	4.92	-0.61
	<b>Sub Total (B)</b>	<b>1320</b>	<b>769</b>	<b>421</b>	<b>1265</b>	<b>17.47</b>	<b>728</b>	<b>21.44</b>	<b>-3.97</b>
C. NHPC	Chamera I HPS (3*180)	540	537	547	548	12.24	510	12.12	0.12
	Chamera II HPS (3*100)	300	300	308	309	7.30	304	7.19	0.11
	Chamera III HPS (3*77)	231	231	238	239	5.59	233	5.54	0.05
	Bairasul HPS(3*60)	180	179	185	183	4.34	181	4.26	0.07
	Salal-HPS (6*115)	690	666	673	673	16.22	676	15.96	0.26
	Tanakpur-HPS (3*40)	94	67	73	54	1.64	68	1.53	0.10
	Uri-I HPS (4*120)	480	475	477	475	11.60	483	11.39	0.20
	Uri-II HPS (4*60)	240	0	0	0	0.00	0	0.00	0.00
	Dhauliganga-HPS (4*70)	280	197	210	210	4.72	197	4.65	0.07
	Dulhasti-HPS (3*130)	390	387	405	408	9.44	393	9.29	0.15
	Sewa-II HPS (3*40)	120	119	130	130	3.07	128	2.86	0.21
	Parbati 3 (4*130)	520	260	261	131	3.54	148	3.51	0.03
	<b>Sub Total (C)</b>	<b>4065</b>	<b>3418</b>	<b>3508</b>	<b>3360</b>	<b>80</b>	<b>3321</b>	<b>78</b>	<b>1</b>
D.SJVNL	NJPC (6*250)	1500	1605	1605	1605	38.39	1600	38.52	-0.13
	Rampur HEP (6*68.67)	412	438	446	445	10.61	442	10.51	0.10
	<b>Sub Total (D)</b>	<b>1912</b>	<b>2043</b>	<b>2051</b>	<b>2050</b>	<b>49.00</b>	<b>2042</b>	<b>49.03</b>	<b>-0.03</b>
E. THDC	Tehri HPS (4*250)	1000	292	301	299	5.98	249	5.89	0.08
	Koteshwar HPS (4*100)	400	146	301	101	3.47	144	3.50	-0.03
	<b>Sub Total (E)</b>	<b>1400</b>	<b>438</b>	<b>602</b>	<b>400</b>	<b>9.44</b>	<b>393</b>	<b>9.39</b>	<b>0.05</b>
F. BBMB	Bhakra HPS (3*108+2*126+6*157)	1514	788	1132	460	18.87	786	18.90	-0.03
	Dehar HPS (6*165)	990	603	825	495	14.88	620	14.46	0.42
	Pong HPS (6*66)	396	99	318	66	2.31	96	2.38	-0.08
	<b>Sub Total (F)</b>	<b>2900</b>	<b>1489</b>	<b>2275</b>	<b>1021</b>	<b>36.06</b>	<b>1502</b>	<b>35.75</b>	<b>0.31</b>
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	202	106	3.58	149	3.47	0.12
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	1200	1200	28.06	1169	28.53	-0.47
	Malana Stg-II HPS (2*50)	100	0	109	75	1.69	70	1.59	0.10
	Shree Cement TPS (2*150)	300	0	269	293	6.31	263	6.35	-0.04
	Budhil HPS(IPP)	70	0	70	70	1.66	69	1.66	0.00
	<b>Sub Total (G)</b>	<b>1662</b>	<b>0</b>	<b>1850</b>	<b>1744</b>	<b>41.30</b>	<b>1721</b>	<b>41.60</b>	<b>-0.30</b>
<b>H. Total Regional Entities (A-G)</b>		<b>24972</b>	<b>18147</b>	<b>17609</b>	<b>17462</b>	<b>406.22</b>	<b>16926</b>	<b>398.57</b>	<b>7.65</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	160	160	3.85	161	
	Guru Nanak Dev TPS(Bhatinda) (4*110)	440	117	90	2.18	91	
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	210	156	3.75	156	
	Goindwal(GVK)		0	0	0.00	0	
	Rajpura (2*700)	1400	1094	960	25.86	1077	
	Talwandi Saboo (1*660)	660	0	0	0.00	0	
	<b>Thermal (Total)</b>	<b>4680</b>	<b>1581</b>	<b>1366</b>	<b>35.64</b>	<b>1485</b>	
	Total Hydro	1148	811	811	19.10	796	
	<b>Total Punjab</b>	<b>5828</b>	<b>2392</b>	<b>2177</b>	<b>54.74</b>	<b>2281</b>	
	Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	467	7.19	300
DCRTPP (Yamuna nagar) (2*300)		600	484	535	11.66	486	
Faridabad GPS (NTPC)		432	179	192	4.59	191	
RGTPP (kheadar) (IPP) (2*600)		1200	749	564	12.78	532	
Magnum Diesel (IPP)		25	0	0	0.00	0	
Jhajjar(CLP) (2*660)		1320	380	558	9.98	416	
<b>Thermal (Total)</b>		<b>4944</b>	<b>1792</b>	<b>2316</b>	<b>46.19</b>	<b>1925</b>	
Total Hydro		62	28	26	0.66	28	
<b>Total Haryana</b>		<b>5006</b>	<b>1820</b>	<b>2342</b>	<b>46.86</b>	<b>1952</b>	
Rajasthan		kota TPS (2*110+2*195+3*210)	1240	354	729	14.73	614
	suratgarh TPS (6*250)	1500	371	576	12.89	537	
	Chabra TPS (4*250)	1000	562	571	14.42	601	
	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	189	198	4.76	198	
	RAPS A (NPC) (1*100+1*200)	300	0	141	1.71	71	
	Barsingsar (NLC) (2*125)	250	74	58	1.17	49	
	Giral LTPS (2*125)	250	0	16	1.71	71	
	Rajwest LTPS (IPP) (8*135)	1080	443	675	14.46	602	
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0	
	Kalisindh Thermal(1*600)	600	482	569	12.79	533	
	Kawai(Adani) (2*660)	1320	838	1114	24.13	1006	
	<b>Thermal (Total)</b>	<b>8276</b>	<b>3313</b>	<b>4647</b>	<b>103</b>	<b>4282</b>	
	Total Hydro	550	34	0	0.16	7	
	Wind power	2798	101	780	11.32	472	
	Biomass	99	24	24	0.57	24	
	Solar	730	0	0	0.00	0	
	Renewable/Others (Total)	3627	125	804	11.89	495	
	<b>Total Rajasthan</b>	<b>12453</b>	<b>3472</b>	<b>5451</b>	<b>114.81</b>	<b>4784</b>	
	UP	Anpara TPS (3*210+2*500)	1630	1102	1305	29.80	1242
Obra TPS (2*50+2*94+5*200)		1194	435	476	10.70	446	
Paricha TPS (2*110+2*220+2*250)		1140	608	836	19.00	792	
Panki TPS (2*105)		210	59	63	1.50	63	
Harduaganj TPS (1*60+1*105+2*250)		665	158	218	4.80	200	
Tanda TPS (NTPC) (4*110)		440	270	388	8.60	358	
Roza TPS (IPP) (4*300)		1200	765	1062	21.90	913	
Anpara-C (IPP) (2*600)		1200	626	1084	23.00	958	
Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)		450	58	324	5.40	225	
Anpara-D		500	0	0	0.00	0	
<b>Thermal (Total)</b>		<b>8629</b>	<b>4081</b>	<b>5756</b>	<b>125</b>	<b>5196</b>	
Vishnuparyag HPS (IPP)(including Alaknanda)		400	435	435	13.78	574	
Other Hydro		527	71	75	1.90	79	
Cogeneration		981	120	120	2.90	121	
<b>Total UP</b>		<b>10537</b>	<b>4707</b>	<b>6386</b>	<b>143.28</b>	<b>5396</b>	
Uttarakhand		Total Hydro	1398	811	736	18.96	790
		<b>Total Uttarakhand</b>	<b>1398</b>	<b>811</b>	<b>736</b>	<b>18.96</b>	<b>790</b>
Delhi	Rajghat TPS (2*67.5)	135	44	41	1.09	45	
	Delhi Gas Turbine (6x30 + 3x34)	282	77	109	2.38	99	
	Praagati Gas Turbine (2x104+ 1x122)	330	276	274	6.63	276	
	Rithala GPS (3*36)	95	0	0	0.00	0	
	Bawana GPS (6*250)	1370	276	298	6.66	277	
	Badarpur TPS (NTPC) (3*95+2*210)	705	212	227	6.89	287	
	Thermal (Total)	2917	885	949	23.64	985	
	<b>Total Delhi</b>	<b>2917</b>	<b>885</b>	<b>949</b>	<b>23.64</b>	<b>985</b>	
HP	Baspa HPS (IPP) (2*150)	300	332	332	7.81	326	
	Malana HPS (IPP) (2*43)	86	46	46	1.52	63	
	Other Hydro	728	494	512	12.34	514	
	<b>Total HP</b>	<b>1114</b>	<b>872</b>	<b>890</b>	<b>21.66</b>	<b>903</b>	
J & K	Baglihar HPS (IPP) (3*150)	450	440	440	10.55	440	
	Other Hydro/IPP	436	163	145	3.77	157	
	Gas/Diesel/Others	209	0	0	0.00	0	
	<b>Total J &amp; K</b>	<b>1094</b>	<b>603</b>	<b>585</b>	<b>14.32</b>	<b>597</b>	
<b>Total State Control Area Generation</b>		<b>40347</b>	<b>15562</b>	<b>19516</b>	<b>438.28</b>	<b>17687</b>	
<b>J. Net Inter Regional Exchange (import +ve)/Export (-ve)</b>			<b>2000</b>	<b>5304</b>	<b>104.21</b>	<b>4342</b>	
<b>Total Regional Availability(Gross)</b>		<b>65319</b>	<b>35171</b>	<b>42282</b>	<b>948.71</b>	<b>38955</b>	

#### IV. Total Hydro Generation:

Regional Entities Hydro	11969	10143	8213	210.891464	8787
State Control Area Hydro	5684	3230	3123	90.55	3199
<b>Total Regional Hydro</b>	<b>17654</b>	<b>13373</b>	<b>11336</b>	<b>301.44</b>	<b>11986</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	
Vindhyachal B/B	-500	-50	50	500	0.18	0.00	0.18		
Gwalior-Agra (D/C)	673	2020	2022	0	30.05	0.00	30.05		
Zerda-Kankroli	-97	-166	3	438	0.00	4.75	-4.75		
Zerda-Bhinmal	-17	-118	113	325	0.00	2.92	-2.92		
Malanpur-Auraiya	0	31	0	149	0.00	0.94	-0.94		
Badod-Kota/Morak	-81	-13	59	92	0.00	0.58	-0.58		
Mundra-Mohindergarh(HVDC)	1402	2397	2406	0	47.84	0.00	47.84		
Vindhyachal - Rihand	467	480	490	0	10.72	0.00	10.72		
<b>Sub Total WR</b>	<b>1847</b>	<b>4581</b>			<b>88.79</b>	<b>9.19</b>	<b>79.59</b>		
Pusauli Bypass	-175	-281	0	342	0.00	4.98	-4.98		
MZP- GKP (D/C)	-210	-375	525	11	7.14	0.00	7.14		
Patna-Balia(D/C)	142	493	504	0	8.37	0.00	8.37		
B'Sharif-Balia (D/C)	134	166	222	0	3.58	0.00	3.58		
Pusauli-Balia	200	274	342	0	3.01	0.00	3.01		
Gaya-Fatehpur (765 Kv)	0	0	0	0	0.00	0.00	0.00		
Pusauli-Sahupuri	187	200	232	0	4.49	0.00	4.49		
K'nasa-Sahupuri	0	0	1	0	0.00	0.00	0.00		
Son Ngr-Rihand	-30	-44	0	46	0.00	0.98	-0.98		
Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00		
Sasaram - Fatehpur(765 KV)	-95	290	344	227	4.00	0.00	4.00		
<b>Sub Total ER</b>	<b>153</b>	<b>723</b>			<b>30.58</b>	<b>5.96</b>	<b>24.62</b>		
<b>Total IR Exch</b>	<b>2000</b>	<b>5304</b>			<b>119.36</b>	<b>15.15</b>	<b>104.21</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	
35.19	1.59	36.78	10.85	-2.62	2.04	-2.54	1.00	-1.00	

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
50.67	66.25	116.92	24.62	79.59	104.21	-26.05	13.35	-12.71

**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	-7	-8	0	23	0	0	0	-0.26	

**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	0.71	7.43	44.13	65.28	14.07	8.61	4.71	NA

<----- Frequency (Hz) ----->				Average Frequency Hz	Frequency Variation Index	Std. Dev. (Hz)	Frequency in 15 Min Block	
Maximum		Minimum					MAX	MIN
Freq	Time	Freq	Time				(Hz)	(Hz)
50.55	18.03	49.72	22.38	50.02	0.11	0.10	50.20	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	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	486.88	636.01	480.42	468.02	934.12	669.07
Pong	426.72	384.05	405.42	352.07	403.32	296.79	187.34	157.19
Tehri	829.79	740.04	753.50	74.00	746.15	30.00	147.27	195.00
Koteswar	612.50	598.50	609.90	4.44	609.76	4.44	195.00	230.00
Chamera-I	760.00	748.75	756.58	0.00	0.00	0.00	388.07	331.78
Rihand	268.22	252.98	840.40	122.50	845.30	185.70	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	523.00	10.77	520.53	8.66	320.64	425.37

\* 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	227	538	0	219	294	0	5.41	10.94	16.34
Delhi	670	-61	-15	514	63	0	14.42	1.11	15.53
Haryana	68	197	0	93	204	0	1.76	4.63	6.39
HP	-762	-624	0	-509	-709	0	-14.13	-15.78	-29.92
J&K	-558	0	0	-396	49	0	-11.58	0.17	-11.41
CHD	0	0	0	0	0	0	0.24	0.24	0.48
Rajasthan	-121	709	2	-117	640	2	-2.86	16.61	13.75
UP	1179	0	0	964	0	0	24.24	0.00	24.24
Uttarakhand	74	43	0	74	119	0	1.77	1.25	3.01
<b>Total</b>	<b>777</b>	<b>802</b>	<b>-13</b>	<b>844</b>	<b>660</b>	<b>2</b>	<b>19.26</b>	<b>19.17</b>	<b>38.43</b>

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	227	219	592	36	0	0
Delhi	721	475	422	-307	0	-15
Haryana	93	64	224	16	0	0
HP	-509	-813	-469	-843	0	0
J&K	-355	-596	84	-15	0	0
CHD	30	0	35	0	0	0
Rajasthan	-117	-121	983	326	2	2
UP	1194	907	0	0	0	0
Uttarakhand	74	74	122	2	0	0

**XI. System Constraints:****XII. Grid Disturbance / Any Other Significant Event:****XIII. Weather Conditions For 19.05.2015 :****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 :**