पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पावरग्रिड की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)

उत्तरी क्षेत्रीय भार प्रेषण केंद्र

CIN: U40105DL2009GOI188682

Power Supply Position in Northern Region for 23.08.2015
Date of Reporting : 24.08.2015

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
42467	1781	44248	49.99	41472	1271	42743	50.09	980.7	41.94

* 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:

UI [OD:(+ve), UD: (-ve)]

State	State's Control Area Generation (Net MU)				Drawal Schedule	Actual Drawal	UI	Consumption	Shortages *
	Thermal	Hydro	Renewable/others $	Total	(Net MU)	(Net MU)	(Net MU)	(Net MU)	(MU)
Punjab	36.38	25.69		62.07	107.48	106.73	-0.74	168.80	0.00
Haryana	38.62	0.56		39.18	117.88	117.09	-0.78	156.28	0.00
Rajasthan	98.68	5.78	24.02	128.48	63.14	65.46	2.32	193.94	0.00
Delhi	11.06			11.06	82.15	80.38	-1.78	91.43	0.19
UP	127.12	11.60		138.72	132.54	131.34	-1.21	270.05	33.27
Uttarakhand		22.98		22.98	11.64	12.54	0.90	35.52	0.11
HP		23.42		23.42	0.15	1.26	1.11	24.68	0.01
J & K		14.86	0.00	14.86	19.14	20.32	1.18	35.18	8.36
Chandigarh				0.00	5.02	4.78	0.27	4.78	0.00
Total	**311.85**	**104.90**	**24.02**	**440.76**	**539.13**	**539.90**	**1.27**	**980.66**	**41.94**

* Shortage furnished by the respective constituent.$ Others include UP Co-generation and JK Diesel

II. B. State's Demand Met in MWs:

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

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	7198	0	47	1408	6708	0	43	1630	7526
Haryana	7371	0	-147	1830	6906	0	100	1828	7371
Rajasthan	7740	0	15	153	8278	0	281	250	8704
Delhi	3912	22	-127	579	4092	0	181	432	4476
UP	11450	1310	187	251	11825	1070	-308	675	12355
Uttarakhand	1663	0	23	-83	1426	0	143	-407	1663
HP	1099	0	100	-1372	920	0	65	-1496	1177
J&K	1795	449	196	-456	1142	201	-24	-820	1804
Chandigarh	239	0	6	0	176	0	-21	0	245
Total	**42467**	**1781**	**300**	**2310**	**41472**	**1271**	**460**	**2092**	**43458**

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

Diversity is 1.04

III. Regional Entities :

UI [OG:(+ve), UG: (-ve)]

	Station/ Constituent	Inst. Capacity (Effective) MW	Declared Capacity(MW)	Peak MW (Gross)	Off Peak MW (Gross)	Energy (Net MU)	Average Sentout(MW)	Schedule Net MU	UI Net MU
A. NTPC	Singrauli STPS (5*200+2*500)	2000	1865	2029	1837	41.80	1742	40.82	0.98
	Rihand I STPS (2*500)	1000	396	354	395	8.16	340	7.85	0.31
	Rihand II STPS (2*500)	1000	943	877	858	19.18	799	19.20	-0.02
	Rihand III STPS (2*500)	1000	480	399	461	9.43	393	9.67	-0.25
	Dadri I STPS (4*210)	840	600	313	358	6.99	291	7.16	-0.18
	Dadri II STPS (2*490)	980	970	708	702	16.10	671	16.70	-0.60
	Unchahar I TPS (2*210)	420	400	283	327	6.51	271	7.54	-1.02
	Unchahar II TPS (2*210)	420	400	286	243	5.99	250	7.19	-1.20
	Unchahar III TPS (1*220)	210	200	140	133	2.93	122	3.37	-0.44
	ISTPP (Jhajjhar) (3*500)	1500	1436	747	607	13.76	574	13.94	-0.17
	Dadri GPS (4*130.19+2*154.51)	830	600	375	288	8.10	338	8.62	-0.52
	Anta GPS (3*88.71+1*153.2)	419	396	0	0	0.00	0	0.00	0.00
	Auraiya GPS (4*111.19+2*109.30)	663	638	155	129	3.47	144	3.48	-0.01
	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	0.07	3	0.07	0.00
	KHEP	800	845	846	846	20.41	850	20.28	0.13
	Sub Total (A)	**12112**	**10176**	**7512**	**7184**	**163**	**6790**	**166**	**-3**
B. NPC	NAPS (2*220)	440	374	413	415	9.07	378	8.98	0.09
	RAPS- B (2*220)	440	187	209	214	4.43	184	4.49	-0.06
	RAPS- C (2*220)	440	375	418	417	8.96	374	9.00	-0.04
	Sub Total (B)	**1320**	**936**	**1040**	**1046**	**22.46**	**936**	**22.46**	**0.00**
C. NHPC	Chamera I HPS (3*180)	540	538	544	546	13.03	543	12.91	0.13
	Chamera II HPS (3*100)	300	300	301	302	7.21	300	7.19	0.01
	Chamera III HPS (3*77)	231	229	236	236	5.60	233	5.50	0.10
	Bairasuil HPS(3*60)	180	179	177	62	2.29	96	2.27	0.02
	Salal-HPS (6*115)	690	657	670	672	16.18	674	15.75	0.43
	Tanakpur-HPS (3*40)	94	91	95	93	2.25	94	2.19	0.06
	Uri-I HPS (4*120)	480	423	465	439	10.31	430	10.13	0.18
	Uri-II HPS (4*60)	240	228	234	236	5.56	232	5.48	0.07
	Dhauliganga-HPS (4*70)	280	276	283	280	6.69	279	6.54	0.15
	Dulhasti-HPS (3*130)	390	67	272	0	1.67	70	1.61	0.07
	Sewa-II HPS (3*40)	120	119	128	0	1.45	61	1.40	0.05
	Parbati 3 (4*130)	520	130	131	130	3.13	130	3.12	0.01
	Sub Total (C)	**4065**	**3237**	**3537**	**2995**	**75**	**3141**	**74**	**1**
D.SJVNL	NJPC (6*250)	1500	1605	1624	1624	38.53	1606	38.35	0.18
	Rampur HEP (6*68.67)	412	428	427	440	10.38	433	10.27	0.11
	Sub Total (D)	**1912**	**2033**	**2051**	**2064**	**48.92**	**2038**	**48.62**	**0.29**
E. THDC	Tehri HPS (4*250)	1000	1050	1057	1014	20.13	839	20.00	0.13
	Koteshwar HPS (4*100)	400	357	303	302	6.89	287	6.90	-0.01
	Sub Total (E)	**1400**	**1407**	**1360**	**1316**	**27.03**	**1126**	**26.90**	**0.13**
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	954	1454	650	22.83	951	22.90	-0.07
	Dehar HPS (6*165)	990	578	660	560	13.95	581	13.88	0.07
	Pong HPS (6*66)	396	380	384	384	9.14	381	9.12	0.02
	Sub Total (F)	**2765**	**1913**	**2498**	**1594**	**45.92**	**1913**	**45.90**	**0.02**
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	139	137	2.83	118	3.17	-0.34
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	1160	1200	27.77	1157	28.03	-0.26
	Malana Stg-II HPS (2*50)	100	0	110	81	1.98	82	1.86	0.12
	Shree Cement TPS (2*150)	300	0	282	283	5.83	243	5.80	0.03
	Budhil HPS(IPP) (2*35)	70	0	76	76	1.80	75	1.79	0.01
	Sub Total (G)	1662	0	1768	1776	40.21	1675	40.65	-0.44
H. Total Regional Entities (A-G)		**25237**	**19702**	**19767**	**17975**	**422.87**	**17619**	**424.61**	**-1.75**

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	340	320	7.52	313
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	100	80	1.82	76
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	212	190	4.05	169
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	701	705	15.70	654
	Talwandi Saboo (1*660)	660	360	338	7.30	304
	Thermal (Total)	**4700**	**1713**	**1633**	**36.38**	**1516**
	Total Hydro	1000	1075	1075	25.69	1070
	Total Punjab	**5700**	**2788**	**2708**	**62.07**	**2586**
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	440	448	10.04	418
	DCRTPP (Yamuna nagar) (2*300)	600	475	455	10.93	456
	Faridabad GPS (NTPC)	432	318	318	7.95	331
	RGTPP (khedar) (IPP) (2*600)	1200	0	0	0.00	0
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	405	386	9.70	404
	Thermal (Total)	**4944**	**1638**	**1607**	**38.62**	**1609**
	Total Hydro	62	26	22	0.56	24
	Total Haryana	**5006**	**1664**	**1629**	**39.18**	**1633**
Rajasthan	kota TPS (2*110+2*195+3*210)	1240	1031	863	22.25	927
	suratgarh TPS (6*250)	1500	662	567	15.06	627
	Chabra TPS (4*250)	1000	184	162	4.14	173
	Dholpur GPS (3*110)	330	59	0	0.86	36
	Ramgarh GPS (1*37.5 + 1*35.5 +2*37.5 +1*110 +1*50)	271	151	149	4.12	172
	RAPS A (NPC) (1*100+1*200)	300	157	158	3.92	163
	Barsingsar (NLC) (2*125)	250	90	91	2.18	91
	Giral LTPS (2*125)	250	86	86	1.01	42
	Rajwest LTPS (IPP) (8*135)	1080	635	932	20.25	844
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(2*600)	1200	0	0	0.00	0
	Kawai(Adani) (2*660)	1320	867	1170	24.89	1037
	Thermal (Total)	**8876**	**3922**	**4178**	**99**	**4112**
	Total Hydro	550	237	230	5.78	241
	Wind power	3214	1006	805	23.48	978
	Biomass	99	27	27	0.54	22
	Solar	730	0	0	0.00	0
	Renewable/Others (Total)	4043	1033	832	24.02	1001
	Total Rajasthan	**13469**	**5192**	**5240**	**128.48**	**5353**
UP	Anpara TPS (3*210+2*500)	1630	1341	1251	30.80	1283
	Obra TPS (2*50+2*94+5*200)	1194	409	398	9.40	392
	Paricha TPS (2*110+2*220+2*250)	1140	650	588	15.60	650
	Panki TPS (2*105)	210	0	72	1.50	63
	Harduaganj TPS (1*60+1*105+2*250)	665	496	485	11.60	483
	Tanda TPS (NTPC) (4*110)	440	180	271	5.02	209
	Roza TPS (IPP) (4*300)	1200	1080	1081	23.00	958
	Anpara-C (IPP) (2*600)	1200	540	1080	19.00	792
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	324	311	6.60	275
	Anpara-D(1*500)	500	0	0	0.00	0
	Lalitpur TPS(1*660)	660	274	160	3.40	142
	Thermal (Total)	**9289**	**5294**	**5697**	**126**	**5247**
	Vishnuparyag HPS (IPP)(4*110)	440	0	0	0.00	0
	Alaknanada(4*82.5)	330	329	329	7.90	329
	Other Hydro	527	96	218	3.70	154
	Cogeneration	981	50	50	1.20	50
	Total UP	**11567**	**5769**	**6294**	**139**	**5780**
Uttarakhand	Total Hydro	1398	959	942	22.98	958
	Total Uttarakhand	**1398**	**959**	**942**	**22.98**	**958**
Delhi	Rajghat TPS (2*67.5)	135	0	0	0.00	0
	Delhi Gas Turbine (6x30 + 3x34)	282	34	33	0.80	33
	Pragati Gas Turbine (2x104+ 1x122)	330	147	148	3.39	141
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	0	0	0.00	0
	Badarpur TPS (NTPC) (3*95+2*210)	705	321	321	6.86	286
	Thermal (Total)	2917	501	503	11.06	461
	Total Delhi	**2917**	**501**	**503**	**11.06**	**461**
HP	Baspa HPS (IPP) (3*100)	300	334	334	7.77	324
	Malana HPS (IPP) (2*43)	86	90	75	1.87	78
	Other Hydro	878	584	580	13.79	575
	Total HP	**1264**	**1008**	**989**	**23.42**	**976**
J & K	Baglihar HPS (IPP) (3*150)	450	440	450	10.56	440
	Other Hydro/IPP	560	187	185	4.30	179
	Gas/Diesel/Others	190	0	0	0.00	0
	Total J & K	**1200**	**627**	**635**	**14.86**	619
Total State Control Area Generation		**42521**	**18508**	**18940**	**440.76**	**18365**
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]			**5927**	**6192**	**138.17**	**5757**
Total Regional Availability(Gross)		**67758**	**44202**	**43107**	**1001.80**	**41742**

IV. Total Hydro Generation:

Regional Entities Hydro	**12234**	**11702**	**10233**	**250.22**	**10426**
State Control Area Hydro	**6581**	**4357**	**4440**	**105**	**4371**
Total Regional Hydro	**18815**	**16059**	**14673**	**355.12**	**14797**

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
	MW	MW	Import	Export	Import	Export	MU
Vindhychal(HVDC B/B)	-50	250	250	50	1.45	0.93	0.53
765 KV Gwalior-Agra (D/C)	2057	1534	2114	0	39.59	0.00	39.59
400 KV Zerda-Kankroli	-80	-116	0	191	0.00	3.51	-3.51
400 KV Zerda-Bhinmal	-91	-125	0	210	0.00	3.39	-3.39
220 KV Auraiya-Malanpur	6	15	0	25	0.00	0.24	-0.24
220 KV Badod-Kota/Morak	4	25	34	38	0.28	0.00	0.28
Mundra-Mohindergarh(HVDC Bipole)	803	1207	1213	0	22.32	0.00	22.32
400 KV Vindhyachal - Rihand	503	498	503	0	10.04	0.00	10.04
765 kV Phagi-Gwalior (D/C)	1057	949	570	0	23.19	0.00	23.19
Sub Total WR	**4209**	**4237**			**96.88**	**8.08**	**88.80**
Pusauli Bypass/HVDC	400	400	400	0	9.09	0.00	9.09
400 KV MZP- GKP (D/C)	340	526	676	0	12.34	0.00	12.34
400 KV Patna-Balia(D/C) X 2	237	246	333	0	6.50	0.00	6.50
400 KV B'Sharif-Balia (D/C)	73	150	231	0	3.83	0.00	3.83
765 KV Pusauli-Balia	72	44	121	0	0.78	0.00	0.78
765 KV Gaya-Fatehpur	202	196	278	0	5.19	0.00	5.19
220 KV Pusauli-Sahupuri	148	147	189	0	3.65	0.00	3.65
132 KV K'nasa-Sahupuri	0	0	0	0	0.00	0.00	0.00
132 KV Son Ngr-Rihand	-34	-20	0	43	0.00	0.74	-0.74
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	19	58	154	94	1.89	0.00	1.89
400 KV Barh -GKP (D/C)	261	208	280	0	6.85	0.00	6.85
Sub Total ER	**1718**	**1955**			**50.11**	**0.74**	**49.37**
Total IR Exch	**5927**	**6192**			**146.99**	**8.82**	**138.17**

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
23.07	4.03	27.10	21.94	12.17	0.47	-3.75	0.00	0.00

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
49.50	85.89	135.39	49.37	88.80	138.17	-0.14	2.92	2.78

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
	MW	MW	Import	Export	Import	Export	MU
132 KV Tanakpur - Mahendarnagar	-25	-19	0	31	0	0	-0.46

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	0.01	3.32	46.01	75.78	15.24	5.22	0.51	0.00

<---------- Frequency (Hz) ---------->				Average	Frequency	Std. Dev.	Frequency in 15 Min Block	
Maximum		Minimum		Frequency	Variation		MAX	MIN
Freq	Time	Freq	Time	Hz	Index		(Hz)	(Hz)
50.25	17.06	49.81	22.06	50.01	0.04	0.06	50.28	49.97

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	17:02	399	01:01	0.0	0.0	0.0	0.0
Gorakhpur	400	424	17:05	403	00:33	0.0	0.0	4.7	0.0
Bareilly	400	402	00:00	402	00:00	0.0	0.0	0.0	0.0
Kanpur	400	0	00:00	9999	00:00	0.0	0.0	0.0	0.0
Dadri	400	419	05:52	401	11:10	0.0	0.0	0.0	0.0
Ballabhgarh	400	423	05:52	409	00:34	0.0	0.0	11.3	0.0
Bawana	400	419	06:00	406	00:32	0.0	0.0	0.0	0.0
Bassi	400	428	18:03	402	10:28	0.0	0.0	12.1	0.0
Hissar	400	417	18:02	401	11:10	0.0	0.0	0.0	0.0
Moga	400	415	17:05	402	10:42	0.0	0.0	0.0	0.0
Abdullapur	400	412	05:10	399	11:40	0.0	0.0	0.0	0.0
Nalagarh	400	420	06:01	410	10:23	0.0	0.0	0.0	0.0
Kishenpur	400	419	05:39	407	20:06	0.0	0.0	0.0	0.0
Wagoora	400	410	03:45	391	20:22	0.0	0.0	0.0	0.0
Amritsar	400	414	17:09	402	10:48	0.0	0.0	0.0	0.0
Kashipur	400	0	00:00	9999	00:00	0.0	0.0	0.0	0.0
Hamirpur	400	0	00:00	9999	00:00	0.0	0.0	0.0	0.0
Rishikesh	400	0	00:00	9999	00:00	0.0	0.0	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	780	00:00	780	00:00	0.0	0.0	0.0	0.0
Balia	765	784	17:06	749	00:38	0.0	0.0	0.0	0.0
Moga	765	795	18:02	769	11:10	0.0	0.0	0.0	0.0
Agra	765	801	17:05	761	11:10	0.0	0.0	0.1	0.0
Bhiwani	765	0	00:00	9999	00:00	0.0	0.0	0.0	0.0
Unnao	765	776	17:07	743	00:38	0.0	0.0	0.0	0.0
Lucknow	765	788	17:06	750	00:34	0.0	0.0	0.0	0.0
Meerut	765	808	18:02	779	00:33	0.0	0.0	13.9	0.0
Jhatikara	765	785	00:00	785	00:00	0.0	0.0	0.0	0.0
Bareilly	765	771	01:27	751	00:45	0.0	0.0	0.0	0.0
Anta	765	788	17:02	766	10:49	0.0	0.0	0.0	0.0
Phagi	765	800	18:04	768	10:23	0.0	0.0	0.0	0.0

IX. Reservior Parameters:

Name of Reservior	Parameters		Present Parameters		Last Year		Last day	
	FRL (m)	MDDL (m)	Level (m)	Energy (MU)	Level (m)	Energy (MU)	Inflow (m^3/s)	Usage (m^3/s)
Bhakra	513.59	445.62	509.97	1545.02	509.82	1545.02	1032.26	685.07
Pong	426.72	384.05	422.61	1020.81	416.17	718.14	660.23	517.01
Tehri	829.79	740.04	815.10	905.15	811.85	842.28	500.13	457.00
Koteshwar	612.50	598.50	610.37	4.69	610.69	4.95	457.00	454.25
Chamera-I	760.00	748.75	757.18	0.00	0.00	0.00	321.61	352.40
Rihand	268.22	252.98	852.40	294.60	855.50	347.00	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	522.06	14.32	516.99	11.57	348.64	543.99

*** 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	1303	327	0	1243	165	0	30.97	7.23	38.20
Delhi	492	-60	0	676	-97	0	14.53	-0.70	13.83
Haryana	1606	222	0	1657	172	0	38.74	3.94	42.69
HP	-1018	-478	0	-765	-607	0	-20.38	-14.69	-35.07
J&K	-744	-76	0	-491	35	0	-13.50	-0.67	-14.17
CHD	0	0	0	0	0	0	0.24	-0.21	0.03
Rajasthan	-498	746	2	-498	649	2	-12.35	16.61	4.26
UP	675	0	0	251	0	0	10.03	0.00	10.03
Uttarakhand	-188	-219	0	-147	63	0	-3.68	-1.85	-5.53
Total	**1628**	**462**	**2**	**1927**	**381**	**2**	**44.61**	**9.66**	**54.26**

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	1322	1243	344	161	0	0
Delhi	1069	273	314	-278	0	0
Haryana	1657	1606	224	-14	0	0
HP	-765	-1018	-478	-789	0	0
J&K	-491	-744	35	-107	0	0
CHD	29	0	0	-45	0	0
Rajasthan	-498	-702	751	649	2	2
UP	675	215	0	0	0	0
Uttarakhand	-136	-188	64	-239	0	0

XI. System Constraints:

XII. Grid Disturbance / Any Other Significant Event:

XIII. Weather Conditions For 23.08.2015 :
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 :

Report for : 23.08.2015

पारी प्रभारी अभियंता / SHIFT CHARGE ENGINEER