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 13.09.2015
Date of Reporting : 14.09.2015

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
49194	1406	50600	49.93	47643	3123	50765	50.05	1125.2	66.84

* 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	98.35	20.36		118.71	101.54	101.05	-0.50	219.76	0.00
Haryana	57.52	0.75		58.26	124.31	122.89	-1.42	181.15	0.00
Rajasthan	124.84	4.71	11.21	140.76	79.78	79.45	-0.32	220.22	0.00
Delhi	22.04			22.04	83.32	81.81	-1.51	103.84	0.13
UP	131.88	22.60		154.48	133.87	140.92	7.04	295.39	57.78
Uttarakhand		20.38		20.38	16.12	17.48	1.37	37.86	0.23
HP		18.81		18.81	5.96	6.15	0.18	24.95	0.00
J & K		13.68	0.00	13.68	22.89	23.19	0.30	36.87	8.70
Chandigarh				0.00	5.37	5.15	0.27	5.15	0.00
Total	**434.62**	**101.28**	**11.21**	**547.11**	**573.16**	**578.09**	**5.41**	**1125.20**	**66.84**

* 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	9410	0	-20	793	9029	0	22	781	9410
Haryana	8405	0	95	1797	8286	0	47	1733	8414
Rajasthan	8561	0	-168	886	10485	0	104	1481	10822
Delhi	4269	0	-298	361	4512	0	175	273	5073
UP	13438	915	280	461	11214	2880	445	514	13438
Uttarakhand	1758	0	2	21	1590	0	118	185	1758
HP	1135	0	-13	-1059	954	0	-49	-835	1179
J&K	1964	491	80	-153	1375	243	65	-302	2069
Chandigarh	254	0	-8	0	199	0	5	0	265
Total	**49194**	**1406**	**-50**	**3106**	**47643**	**3123**	**932**	**3830**	**49911**

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

Diversity is 1.05

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	1783	1854	1928	42.76	1782	42.25	0.51
	Rihand I STPS (2*500)	1000	788	930	856	18.59	774	18.70	-0.11
	Rihand II STPS (2*500)	1000	948	899	1013	22.39	933	22.27	0.12
	Rihand III STPS (2*500)	1000	480	515	490	12.23	510	11.35	0.88
	Dadri I STPS (4*210)	840	600	514	545	12.86	536	13.63	-0.77
	Dadri II STPS (2*490)	980	970	916	938	20.32	847	22.12	-1.80
	Unchahar I TPS (2*210)	420	398	420	392	8.66	361	9.47	-0.81
	Unchahar II TPS (2*210)	420	400	438	360	8.79	366	9.42	-0.63
	Unchahar III TPS (1*220)	210	200	218	190	4.29	179	4.67	-0.38
	ISTPP (Jhajjhar) (3*500)	1500	1436	718	726	16.28	678	14.47	1.81
	Dadri GPS (4*130.19+2*154.51)	830	800	384	352	8.48	353	8.89	-0.41
	Anta GPS (3*88.71+1*153.2)	419	391	-2	227	2.96	124	3.28	-0.31
	Auraiya GPS (4*111.19+2*109.30)	663	635	0	0	0.00	0	0.00	0.00
	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	0.08	0.00
	KHEP	800	835	807	0	10.48	437	10.91	-0.42
	Sub Total (A)	**12112**	**10671**	**8611**	**8017**	**189**	**7884**	**192**	**-2**
B. NPC	NAPS (2*220)	440	378	398	418	8.95	373	9.07	-0.12
	RAPS- B (2*220)	440	186	212	213	4.45	186	4.46	-0.01
	RAPS- C (2*220)	440	410	429	434	9.28	387	9.84	-0.56
	Sub Total (B)	**1320**	**974**	**1039**	**1065**	**22.69**	**945**	**23.38**	**-0.69**
C. NHPC	Chamera I HPS (3*180)	540	534	545	0	6.61	275	6.40	0.21
	Chamera II HPS (3*100)	300	300	302	202	5.46	228	5.39	0.08
	Chamera III HPS (3*77)	231	229	234	77	3.61	150	3.54	0.07
	Bairasuil HPS(3*60)	180	179	181	0	1.33	55	1.19	0.14
	Salal-HPS (6*115)	690	559	670	382	13.95	581	13.35	0.60
	Tanakpur-HPS (3*40)	94	88	94	92	2.24	93	2.11	0.13
	Uri-I HPS (4*120)	480	195	386	217	5.17	215	4.67	0.50
	Uri-II HPS (4*60)	240	123	92	116	3.09	129	2.95	0.14
	Dhauliganga-HPS (4*70)	280	280	280	141	4.59	191	4.46	0.14
	Dulhasti-HPS (3*130)	390	386	403	400	9.43	393	9.26	0.17
	Sewa-II HPS (3*40)	120	119	126	0	0.50	21	0.45	0.05
	Parbati 3 (4*130)	520	390	263	0	1.94	81	1.89	0.05
	Sub Total (C)	**4065**	**3382**	**3575**	**1626**	**58**	**2413**	**56**	**2**
D.SJVNL	NJPC (6*250)	1500	1605	1633	1282	30.60	1275	30.06	0.54
	Rampur HEP (6*68.67)	412	442	447	364	8.72	363	8.36	0.36
	Sub Total (D)	**1912**	**2047**	**2080**	**1646**	**39.33**	**1639**	**38.42**	**0.90**
E. THDC	Tehri HPS (4*250)	1000	1080	1003	0	6.59	275	6.50	0.09
	Koteshwar HPS (4*100)	400	92	102	91	2.21	92	2.20	0.01
	Sub Total (E)	**1400**	**1172**	**1105**	**91**	**8.79**	**366**	**8.70**	**0.09**
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	849	1470	671	20.53	855	20.37	0.16
	Dehar HPS (6*165)	990	582	825	560	14.27	595	13.98	0.30
	Pong HPS (6*66)	396	318	324	324	7.67	320	7.63	0.04
	Sub Total (F)	**2765**	**1749**	**2619**	**1555**	**42.48**	**1770**	**41.97**	**0.50**
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	115	114	1.92	80	1.82	0.09
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	1000	700	18.22	759	17.32	0.90
	Malana Stg-II HPS (2*50)	100	0	110	60	1.57	65	1.47	0.10
	Shree Cement TPS (2*150)	300	0	147	148	3.51	146	3.94	-0.44
	Budhil HPS(IPP) (2*35)	70	0	37	42	0.67	28	1.09	-0.42
	Sub Total (G)	1662	0	1409	1065	25.88	1078	25.65	0.23
H. Total Regional Entities (A-G)		**25237**	**19995**	**20437**	**15065**	**386.31**	**16096**	**385.36**	**0.94**

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	1050	1170	25.21	1050
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	200	367	6.59	275
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	863	937	20.40	850
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	1392	1380	31.70	1321
	Talwandi Saboo (1*660)	660	573	658	14.45	602
	Thermal (Total)	**4700**	**4078**	**4512**	**98.35**	**4098**
	Total Hydro	1000	884	897	20.36	849
	Total Punjab	**5700**	**4962**	**5409**	**118.71**	**4946**
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	449	637	11.81	492
	DCRTPP (Yamuna nagar) (2*300)	600	453	558	11.43	476
	Faridabad GPS (NTPC)	432	390	0	3.39	141
	RGTPP (khedar) (IPP) (2*600)	1200	833	1133	21.34	889
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	371	483	9.55	398
	Thermal (Total)	**4944**	**2496**	**2811**	**57.52**	**2397**
	Total Hydro	62	31	32	0.75	31
	Total Haryana	**5006**	**2527**	**2843**	**58.26**	**2428**
Rajasthan	kota TPS (2*110+2*195+3*210)	1240	962	1032	23.80	991
	suratgarh TPS (6*250)	1500	1142	1186	27.44	1144
	Chabra TPS (4*250)	1000	355	356	8.06	336
	Dholpur GPS (3*110)	330	86	87	2.12	88
	Ramgarh GPS (1*37.5 + 1*35.5 +2*37.5 +1*110 +1*50)	271	178	231	4.58	191
	RAPS A (NPC) (1*100+1*200)	300	160	162	3.97	165
	Barsingsar (NLC) (2*125)	250	184	178	4.25	177
	Giral LTPS (2*125)	250	0	0	0.00	0
	Rajwest LTPS (IPP) (8*135)	1080	447	711	14.86	619
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(2*600)	1200	980	1012	23.68	987
	Kawai(Adani) (2*660)	1320	454	594	12.10	504
	Thermal (Total)	**8876**	**4948**	**5549**	**125**	**5202**
	Total Hydro	550	227	182	4.71	196
	Wind power	3214	174	698	10.58	441
	Biomass	99	26	26	0.63	26
	Solar	730	0	0	0.00	0
	Renewable/Others (Total)	4043	200	724	11.21	467
	Total Rajasthan	**13469**	**5375**	**6455**	**140.76**	**5865**
UP	Anpara TPS (3*210+2*500)	1630	1178	1277	28.79	1200
	Obra TPS (2*50+2*94+5*200)	1194	427	441	10.47	436
	Paricha TPS (2*110+2*220+2*250)	1140	641	649	14.90	621
	Panki TPS (2*105)	210	54	54	0.76	31
	Harduaganj TPS (1*60+1*105+2*250)	665	407	402	10.81	450
	Tanda TPS (NTPC) (4*110)	440	189	188	4.59	191
	Roza TPS (IPP) (4*300)	1200	1108	1116	26.32	1097
	Anpara-C (IPP) (2*600)	1200	1080	536	19.97	832
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	405	403	9.45	394
	Anpara-D(1*500)	500	193	90	4.63	193
	Lalitpur TPS(1*660)	660	0	0	0.00	0
	Thermal (Total)	**9289**	**5682**	**5156**	**131**	**5445**
	Vishnuparyag HPS (IPP)(4*110)	440	435	435	10.47	436
	Alaknanada(4*82.5)	330	277	281	6.94	289
	Other Hydro	527	145	258	5.19	216
	Cogeneration	981	50	50	1.20	50
	Total UP	**11567**	**6589**	**6180**	**154**	**6437**
Uttarakhand	Total Hydro	1398	941	778	20.38	849
	Total Uttarakhand	**1398**	**941**	**778**	**20.38**	**849**
Delhi	Rajghat TPS (2*67.5)	135	0	0	-0.08	-3
	Delhi Gas Turbine (6x30 + 3x34)	282	76	77	0.80	33
	Pragati Gas Turbine (2x104+ 1x122)	330	266	265	6.24	260
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	287	295	6.17	257
	Badarpur TPS (NTPC) (3*95+2*210)	705	318	335	8.90	371
	Thermal (Total)	2917	947	972	22.04	918
	Total Delhi	**2917**	**947**	**972**	**22.04**	**918**
HP	Baspa HPS (IPP) (3*100)	300	330	250	7.00	292
	Malana HPS (IPP) (2*43)	86	86	86	1.45	61
	Other Hydro	878	442	435	10.35	431
	Total HP	**1264**	**858**	**771**	**18.81**	**784**
J & K	Baglihar HPS (IPP) (3*150)	450	440	440	10.56	440
	Other Hydro/IPP	560	160	126	3.12	130
	Gas/Diesel/Others	190	0	0	0.00	0
	Total J & K	**1200**	**600**	**566**	**13.68**	570
Total State Control Area Generation		**42521**	**22799**	**23974**	**547.11**	**22796**
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]			**7842**	**9135**	**202.96**	**8457**
Total Regional Availability(Gross)		**67758**	**51078**	**48174**	**1136.38**	**47349**

IV. Total Hydro Generation:

Regional Entities Hydro	**12234**	**11410**	**5793**	**180.70**	**7529**
State Control Area Hydro	**6581**	**4398**	**4200**	**101**	**4220**
Total Regional Hydro	**18815**	**15808**	**9993**	**281.98**	**11749**

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)	-100	50	150	100	1.15	0.57	0.58
765 KV Gwalior-Agra (D/C)	2498	2736	2913	0	59.93	0.00	59.93
400 KV Zerda-Kankroli	-11	57	68	129	0.00	0.80	-0.80
400 KV Zerda-Bhinmal	52	121	170	74	0.88	0.00	0.88
220 KV Auraiya-Malanpur	-63	-34	0	64	0.00	1.03	-1.03
220 KV Badod-Kota/Morak	-8	11	0	66	0.00	0.37	-0.37
Mundra-Mohindergarh(HVDC Bipole)	2500	2500	2525	0	60.55	0.00	60.55
400 KV Vindhyachal - Rihand	499	430	503	0	11.45	0.00	11.45
765 kV Phagi-Gwalior (D/C)	1102	1220	1255	0	25.71	0.00	25.71
Sub Total WR	**6469**	**7091**			**159.67**	**2.77**	**156.91**
Pusauli Bypass/HVDC	400	400	400	0	8.85	0.00	8.85
400 KV MZP- GKP (D/C)	160	290	494	0	7.90	0.00	7.90
400 KV Patna-Balia(D/C) X 2	283	507	587	0	10.62	0.00	10.62
400 KV B'Sharif-Balia (D/C)	125	288	418	0	6.48	0.00	6.48
765 KV Pusauli-Balia	220	164	247	0	2.37	0.00	2.37
765 KV Gaya-Fatehpur	26	121	142	0	2.05	0.00	2.05
220 KV Pusauli-Sahupuri	154	145	214	0	3.88	0.00	3.88
132 KV K'nasa-Sahupuri	0	0	0	0	0.48	0.00	0.48
132 KV Son Ngr-Rihand	-41	-40	0	45	0.00	0.95	-0.95
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	-171	-36	105	171	0.00	0.87	-0.87
400 KV Barh -GKP (D/C)	217	205	304	0	5.24	0.00	5.24
Sub Total ER	**1373**	**2044**			**47.88**	**1.82**	**46.06**
+/- 800 KV BiswanathCharialli-Agra	0	0	0	0	0	0	0
Sub Total NER	**0**	**0**			**0**	**0**	**0**
Total IR Exch	**7842**	**9135**			**207.55**	**4.59**	**202.96**

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
34.13	3.92	38.05	15.63	14.97	12.42	24.80	0.55	-0.55

Total IR Schedule (MU)			Total IR Actual (MU)			Net IR UI (MU)		
Through ER	Through WR Incids Mndra	Total	Through ER	Through WR	Total	Through ER	Through WR	Total
66.65	137.59	204.24	46.06	156.91	202.96	-20.60	19.32	-1.28

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	-7	0	0	10	0	0	-0.04

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	0.39	14.29	59.74	73.51	8.94	3.25	0.07	0.00

<---------- Frequency (Hz) ---------->				Average Frequency	Frequency Variation Index	Std. Dev.	Frequency in 15 Min Block	
Maximum		Minimum					MAX	MIN
Freq	Time	Freq	Time	Hz			(Hz)	(Hz)
50.22	6.02	49.77	18.41	49.98	0.052	0.069	50.20	49.93

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	400	00:00	400	00:00	0.0	0.0	0.0	0.0
Gorakhpur	400	417	02:20	399	19:12	0.0	0.0	0.0	0.0
Bareilly	400	415	04:01	396	00:04	0.0	0.0	0.0	0.0
Kanpur	400	416	03:59	400	23:28	0.0	0.0	0.0	0.0
Dadri	400	416	06:02	398	00:02	0.0	0.0	0.0	0.0
Ballabhgarh	400	421	06:03	401	00:03	0.0	0.0	0.1	0.0
Bawana	400	419	06:02	400	23:33	0.0	0.0	0.0	0.0
Bassi	400	424	18:00	396	00:04	0.0	0.0	5.3	0.0
Hissar	400	412	06:01	397	00:03	0.0	0.0	0.0	0.0
Moga	400	411	03:59	397	19:46	0.0	0.0	0.0	0.0
Abdullapur	400	418	06:02	400	19:06	0.0	0.0	0.0	0.0
Nalagarh	400	421	04:02	405	19:45	0.0	0.0	0.6	0.0
Kishenpur	400	420	03:58	400	19:14	0.0	0.0	0.0	0.0
Wagoora	400	412	03:57	380	19:29	0.0	12.1	0.0	0.0
Amritsar	400	414	03:52	398	19:24	0.0	0.0	0.0	0.0
Kashipur	400	417	03:53	407	19:05	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	402	04:01	381	19:14	0.0	20.5	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	775	09:01	743	23:30	0.0	0.0	0.0	0.0
Balia	765	777	09:00	751	13:33	0.0	0.0	0.0	0.0
Moga	765	0	00:00	9999	00:00	0.0	0.0	0.0	0.0
Agra	765	790	17:10	753	23:33	0.0	0.0	0.0	0.0
Bhiwani	765	795	06:00	764	00:00	0.0	0.0	0.0	0.0
Unnao	765	756	16:20	735	19:10	0.0	37.9	0.0	0.0
Lucknow	765	773	03:58	745	19:13	0.0	0.0	0.0	0.0
Meerut	765	801	04:01	764	23:32	0.0	0.0	0.1	0.0
Jhatikara	765	794	05:59	761	00:00	0.0	0.0	0.0	0.0
Bareilly	765	779	04:01	742	19:10	0.0	0.0	0.0	0.0
Anta	765	0	00:00	9999	00:00	0.0	0.0	0.0	0.0
Phagi	765	791	17:03	754	23:31	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	511.30	1605.30	511.35	1620.46	606.97	579.42
Pong	426.72	384.05	421.81	975.89	416.68	743.22	134.45	437.72
Tehri	829.79	740.04	821.35	1030.00	819.55	992.00	236.96	147.00
Koteshwar	612.50	598.50	610.83	4.95	611.55	5.39	147.00	145.00
Chamera-I	760.00	748.75	753.40	0.00	0.00	0.00	166.76	179.07
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	513.34	9.82	518.15	3.23	136.91	433.13

*** 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	697	84	0	695	98	0	16.72	2.81	19.53
Delhi	255	24	-6	465	-99	-6	7.72	0.29	8.01
Haryana	1700	33	0	1700	97	0	40.81	0.66	41.47
HP	-919	84	0	-843	-216	0	-19.83	-1.52	-21.36
J&K	-417	114	0	-417	264	0	-9.90	4.46	-5.45
CHD	0	0	0	0	0	0	0.00	0.19	0.19
Rajasthan	-329	1808	2	-472	1356	2	-8.30	35.31	27.00
UP	514	0	0	461	0	0	10.54	0.00	10.54
Uttarakhand	-94	279	0	-249	270	0	-3.22	5.33	2.11
Total	**1407**	**2426**	**-4**	**1341**	**1768**	**-4**	**34.53**	**47.53**	**82.05**

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	697	695	155	84	0	0
Delhi	668	44	440	-397	-6	-6
Haryana	1700	1700	145	-464	0	0
HP	-742	-1020	84	-320	0	0
J&K	-397	-417	388	-35	0	0
CHD	0	0	30	0	0	0
Rajasthan	-273	-472	1941	469	2	2
UP	559	348	0	0	0	0
Uttarakhand	-80	-249	338	145	0	0

XI. System Constraints:

XII. Grid Disturbance / Any Other Significant Event:

XIII. Weather Conditions For 13.09.2015 :
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 : 13.09.2015

पारी प्रभारी अभियंता / SHIFT CHARGE ENGINEER