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 14.11.2015
Date of Reporting : 15.11.2015

I. Regional Availability/Demand:

Evening Peak (19:00 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
36863	1393	38256	50.10	29830	274	30104	50.07	789.5	19.77

* 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	29.28	10.45		39.73	52.58	52.60	0.02	92.33	0.00
Haryana	34.13	0.44		34.58	64.72	64.72	0.00	99.30	0.00
Rajasthan	115.03	4.35	6.54	125.92	74.84	78.18	3.35	204.10	0.00
Delhi	14.09			14.09	43.02	42.59	-0.42	56.68	0.00
UP	127.72	5.44		133.16	113.63	108.54	-5.08	241.70	10.62
Uttarakhand		7.16		7.16	21.35	23.14	1.79	30.30	0.00
HP		5.77		5.77	15.75	15.50	-0.25	21.28	0.00
J & K		8.42	0.00	8.42	31.49	32.18	0.69	40.60	9.15
Chandigarh				0.00	3.47	3.21	0.27	3.21	0.00
Total	**320.25**	**42.03**	**6.54**	**368.82**	**420.84**	**420.66**	**0.36**	**789.49**	**19.77**

* 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 (19:00 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	4285	0	-267	-338	3191	0	-50	-334	4576
Haryana	5514	0	289	-305	3036	0	-98	-310	5514
Rajasthan	8829	0	-196	187	8321	0	244	630	9465
Delhi	3034	0	-3	-233	1747	0	38	-808	3054
UP	10339	910	293	-254	10206	0	-434	93	11087
Uttarakhand	1628	0	34	237	1039	0	57	212	1716
HP	1129	0	26	-223	644	0	-3	232	1129
J&K	1930	483	63	262	1554	274	23	228	1957
Chandigarh	176	0	-20	-70	91	0	-10	-30	177
Total	**36863**	**1393**	**218**	**-738**	**29830**	**274**	**-232**	**-87**	**36863**

* 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	1893	2031	1949	41.74	1739	45.16	-3.42
	Rihand I STPS (2*500)	1000	883	820	819	19.29	804	19.71	-0.42
	Rihand II STPS (2*500)	1000	963	776	728	19.97	832	19.68	0.29
	Rihand III STPS (2*500)	1000	963	929	843	21.21	884	21.21	0.00
	Dadri I STPS (4*210)	840	810	159	160	3.42	142	3.39	0.02
	Dadri II STPS (2*490)	980	980	341	359	8.21	342	8.82	-0.61
	Unchahar I TPS (2*210)	420	406	293	273	6.88	287	7.54	-0.66
	Unchahar II TPS (2*210)	420	404	269	243	6.23	260	6.95	-0.72
	Unchahar III TPS (1*220)	210	202	143	129	3.30	137	3.56	-0.27
	ISTPP (Jhajjhar) (3*500)	1500	1500	1038	607	15.43	643	15.74	-0.31
	Dadri GPS (4*130.19+2*154.51)	830	630	536	564	12.71	530	13.10	-0.39
	Anta GPS (3*88.71+1*153.2)	419	419	223	194	5.09	212	5.53	-0.43
	Auraiya GPS (4*111.19+2*109.30)	663	652	280	297	6.65	277	6.87	-0.22
	Dadri Solar	5	1	0	0	0.02	1	0.02	0.00
	Unchahar Solar	10	1	0	0	0.02	1	0.03	0.00
	Singrauli Solar	15	2	0	0	0.04	2	0.04	0.01
	KHEP	800	655	438	0	3.77	157	3.50	0.27
	Sub Total (A)	**12112**	**11363**	**8276**	**7165**	**174**	**7249**	**181**	**-7**
B. NPC	NAPS (2*220)	440	402	442	447	9.79	408	9.65	0.14
	RAPS- B (2*220)	440	393	435	438	9.43	393	9.43	0.00
	RAPS- C (2*220)	440	410	450	451	9.74	406	9.84	-0.10
	Sub Total (B)	**1320**	**1205**	**1327**	**1336**	**28.96**	**1207**	**28.92**	**0.04**
C. NHPC	Chamera I HPS (3*180)	540	540	552	0	2.77	115	2.60	0.17
	Chamera II HPS (3*100)	300	200	201	0	1.82	76	1.70	0.12
	Chamera III HPS (3*77)	231	229	223	0	1.04	43	0.95	0.09
	Bairasuil HPS(3*60)	180	179	175	0	0.85	36	0.80	0.06
	Salal-HPS (6*115)	690	188	432	246	5.40	225	4.52	0.88
	Tanakpur-HPS (3*40)	94	31	35	30	0.82	34	0.73	0.09
	Uri-I HPS (4*120)	480	447	464	469	11.25	469	10.74	0.51
	Uri-II HPS (4*60)	240	234	180	241	5.66	236	5.64	0.02
	Dhauliganga-HPS (4*70)	280	280	273	0	1.07	45	0.91	0.16
	Dulhasti-HPS (3*130)	390	387	402	0	4.90	204	4.75	0.15
	Sewa-II HPS (3*40)	120	119	122	0	0.90	37	0.60	0.30
	Parbati 3 (4*130)	520	136	153	0	0.81	34	0.46	0.35
	Sub Total (C)	**4065**	**2970**	**3210**	**986**	**37**	**1554**	**34**	**3**
D.SJVNL	NJPC (6*250)	1500	1605	1355	0	10.35	431	10.33	0.02
	Rampur HEP (6*68.67)	412	432	284	0	2.96	123	2.88	0.08
	Sub Total (D)	**1912**	**2037**	**1639**	**0**	**13.31**	**554**	**13.21**	**0.10**
E. THDC	Tehri HPS (4*250)	1000	1068	1049	0	6.36	265	6.20	0.16
	Koteshwar HPS (4*100)	400	92	102	92	2.22	92	2.20	0.02
	Sub Total (E)	**1400**	**1160**	**1151**	**92**	**8.58**	**357**	**8.40**	**0.18**
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	576	1043	367	14.01	584	13.81	0.20
	Dehar HPS (6*165)	990	166	495	140	4.04	168	4.00	0.04
	Pong HPS (6*66)	396	209	318	126	4.88	203	5.03	-0.15
	Sub Total (F)	**2765**	**951**	**1856**	**633**	**22.92**	**955**	**22.83**	**0.09**
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	108	0	0.72	30	0.70	0.03
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	870	0	5.95	248	6.00	-0.05
	Malana Stg-II HPS (2*50)	100	0	0	0	0.27	11	0.25	0.02
	Shree Cement TPS (2*150)	300	0	261	260	6.19	258	6.26	-0.07
	Budhil HPS(IPP) (2*35)	70	0	76	0	0.24	10	0.27	-0.03
	Sub Total (G)	1662	0	1316	260	13.37	557	13.47	-0.10
H. Total Regional Entities (A-G)		**25237**	**19686**	**18775**	**10472**	**298.40**	**12433**	**302.06**	**-3.66**

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	3.47	144
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	90	90	1.93	80
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	204	202	4.49	187
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	717	706	19.39	808
	Talwandi Saboo (2*660)	1320	0	0	0.00	0
	Thermal (Total)	**5360**	**1171**	**1158**	**29.28**	**1220**
	Total Hydro	1000	405	413	10.45	435
	Total Punjab	**6360**	**1576**	**1571**	**39.73**	**1655**
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00	0
	DCRTPP (Yamuna nagar) (2*300)	600	539	460	11.91	496
	Faridabad GPS (NTPC)	432	199	63	3.79	158
	RGTPP (khedar) (IPP) (2*600)	1200	99	382	7.95	331
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	563	377	10.49	437
	Thermal (Total)	**4944**	**1400**	**1282**	**34.13**	**1422**
	Total Hydro	62	13	16	0.44	19
	Total Haryana	**5006**	**1413**	**1298**	**34.58**	**1441**
Rajasthan	kota TPS (2*110+2*195+3*210)	1240	1016	1073	25.55	1064
	suratgarh TPS (6*250)	1500	367	201	6.46	269
	Chabra TPS (4*250)	1000	631	441	13.70	571
	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	207	206	4.99	208
	RAPS A (NPC) (1*100+1*200)	300	158	160	3.95	165
	Barsingsar (NLC) (2*125)	250	187	189	4.02	168
	Giral LTPS (2*125)	250	0	0	0.00	0
	Rajwest LTPS (IPP) (8*135)	1080	671	796	16.67	694
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(2*600)	1200	516	486	12.49	521
	Kawai(Adani) (2*660)	1320	1227	1147	27.19	1133
	Thermal (Total)	**8876**	**4980**	**4699**	**115**	**4793**
	Total Hydro	550	203	184	4.35	181
	Wind power	3214	28	288	3.49	145
	Biomass	99	28	28	0.68	28
	Solar	730	0	0	2.38	99
	Renewable/Others (Total)	4043	56	316	6.54	273
	Total Rajasthan	**13469**	**5239**	**5199**	**125.92**	**5247**
UP	Anpara TPS (3*210+2*500)	1630	474	1389	32.84	1368
	Obra TPS (2*50+2*94+5*200)	1194	238	414	9.91	413
	Paricha TPS (2*110+2*220+2*250)	1140	667	590	14.77	615
	Panki TPS (2*105)	210	65	0	0.44	18
	Harduaganj TPS (1*60+1*105+2*250)	665	581	525	12.88	537
	Tanda TPS (NTPC) (4*110)	440	279	276	6.68	278
	Roza TPS (IPP) (4*300)	1200	383	765	14.26	594
	Anpara-C (IPP) (2*600)	1200	657	1084	24.66	1028
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	58	283	3.63	151
	Anpara-D(1*500)	500	0	0	0.00	0
	Lalitpur TPS(1*660)	660	0	417	5.26	219
	Bara(1*660)	660	0	0	0.00	0
	Thermal (Total)	**9949**	**3402**	**5743**	**125**	**5222**
	Vishnuparyag HPS (IPP)(4*110)	440	117	112	2.79	116
	Alaknanada(4*82.5)	330	81	73	1.86	78
	Other Hydro	527	40	30	0.80	33
	Cogeneration	981	100	100	2.40	100
	Total UP	**12227**	**3740**	**6058**	**133**	**5548**
Uttarakhand	Total Hydro	1398	464	246	7.16	298
	Total Uttarakhand	**1398**	**464**	**246**	**7.16**	**298**
Delhi	Rajghat TPS (2*67.5)	135	0	0	-0.02	-1
	Delhi Gas Turbine (6x30 + 3x34)	282	40	39	0.91	38
	Pragati Gas Turbine (2x104+ 1x122)	330	155	136	3.67	153
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	250	253	5.97	249
	Badarpur TPS (NTPC) (3*95+2*210)	705	165	165	3.56	148
	Thermal (Total)	2917	610	593	14.09	587
	Total Delhi	**2917**	**610**	**593**	**14.09**	**587**
HP	Baspa HPS (IPP) (3*100)	300	102	0	1.48	62
	Malana HPS (IPP) (2*43)	86	44	0	0.33	14
	Other Hydro	878	203	142	3.97	165
	Total HP	**1264**	**349**	**142**	**5.77**	**241**
J & K	Baglihar HPS (IPP) (3*150)	450	300	240	6.12	255
	Other Hydro/IPP	560	122	118	2.30	96
	Gas/Diesel/Others	190	0	0	0.00	0
	Total J & K	**1200**	**422**	**358**	**8.42**	351
Total State Control Area Generation		**43841**	**13813**	**15465**	**368.82**	**15368**
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]			**5222**	**5202**	**133.58**	**5566**
Total Regional Availability(Gross)		**69078**	**37809**	**31139**	**800.80**	**33367**

IV. Total Hydro Generation:

Regional Entities Hydro	**12234**	**9272**	**1711**	**92.81**	**3867**
State Control Area Hydro	**6581**	**2094**	**1574**	**42**	**1751**
Total Regional Hydro	**18815**	**11366**	**3285**	**134.84**	**5618**

V(A). Inter Regional Exchange [Import (+ve)/Export (-ve)] [Linkwise]

Element	Peak(19:00 Hrs)	Off Peak(03:00 Hrs)	Maximum Interchange (MW)		Energy (MU)		Net Energy
	MW	MW	Import	Export	Import	Export	MU
Vindhychal(HVDC B/B)	-300	-250	0	300	0.00	6.78	-6.78
765 KV Gwalior-Agra (D/C)	2419	2137	2826	0	55.94	0.00	55.94
400 KV Zerda-Kankroli	-74	-159	0	205	0.00	2.94	-2.94
400 KV Zerda-Bhinmal	22	-63	115	139	0.00	0.38	-0.38
220 KV Auraiya-Malanpur	-96	-132	0	0	0.00	2.25	-2.25
220 KV Badod-Kota/Morak	-101	-99	0	162	0.00	2.21	-2.21
Mundra-Mohindergarh(HVDC Bipole)	1999	2003	2007	0	48.34	0.00	48.34
400 KV Vindhyachal - Rihand	0	0	0	0	0.00	0.00	0.00
765 kV Phagi-Gwalior (D/C)	979	926	1205	0	23.47	0.00	23.47
Sub Total WR	**4848**	**4363**			**127.75**	**14.57**	**113.18**
Pusauli Bypass/HVDC	50	50	50	0	1.29	0.00	1.29
400 KV MZP- GKP (D/C)	88	262	498	25	6.43	0.00	6.43
400 KV Patna-Balia(D/C) X 2	195	278	384	0	7.10	0.00	7.10
400 KV B'Sharif-Balia (D/C)	20	101	269	42	3.08	0.00	3.08
765 KV Gaya-Balia	99	148	242	0	2.10	0.00	2.10
765 KV Gaya-Fatehpur	0	0	0	0	0.00	0.00	0.00
220 KV Pusauli-Sahupuri	92	130	154	0	2.84	0.00	2.84
132 KV K'nasa-Sahupuri	0	0	0	0	0.48	0.00	0.48
132 KV Son Ngr-Rihand	-28	-20	0	28	0.00	0.56	-0.56
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	0	0	0	0	0.00	0.00	0.00
400 KV Barh -GKP (D/C)	308	290	408	0	7.61	0.00	7.61
Sub Total ER	**824**	**1239**			**30.92**	**0.56**	**30.36**
+/- 800 KV BiswanathCharialli-Agra	-450	-400	0	-450	0.00	9.96	-9.96
Sub Total NER	**-450**	**-400**			**0.00**	**9.96**	**-9.96**
Total IR Exch	**5222**	**5202**			**158.67**	**25.09**	**133.58**

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
29.28	1.00	30.29	1.76	-17.46	8.45	11.13	5.98	-5.98

Total IR Schedule (MU)			Total IR Actual (MU)			Net IR UI (MU)		
Through ER	Through WR Incids Mndra	Total	Through ER(including NER)	Through WR	Total	Through ER(including NER)	Through WR	Total
46.48	89.32	135.79	20.40	113.18	133.58	-26.08	23.86	-2.21

V(C). Inter National Exchange with Nepal [Import (+ve)/Export (-ve)] [Linkwise]

Element	Peak(19:00 Hrs)	Off Peak(03:00 Hrs)	Maximum Interchange (MW)		Energy (MU)		Net Energy
	MW	MW	Import	Export	Import	Export	MU
132 KV Tanakpur - Mahendarnagar	-29	-30	0	33	0	1	-0.73

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	0.59	8.78	50.71	68.23	16.82	6.13	0.06	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)
50.21	12.02	49.70	18.11	50.00	0.052	0.072	50.17	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	408	03:36	401	18:47	0.0	0.0	0.0	0.0
Gorakhpur	400	420	07:12	394	17:54	0.0	0.0	0.0	0.0
Bareilly(PG)400kV	400	420	03:03	393	18:09	0.0	0.0	0.0	0.0
Kanpur	400	411	02:57	401	18:07	0.0	0.0	0.3	0.0
Dadri	400	428	02:55	407	18:07	0.0	0.0	61.0	0.0
Ballabhgarh	400	433	02:57	411	18:08	0.0	0.0	87.1	11.1
Bawana	400	432	03:01	410	18:06	0.0	0.0	84.8	4.2
Bassi	400	428	21:31	405	05:52	0.0	0.0	7.5	0.0
Hissar	400	426	03:01	405	18:07	0.0	0.0	24.5	0.0
Moga	400	429	03:02	406	18:06	0.0	0.0	30.0	0.0
Abdullapur	400	429	02:22	404	18:38	0.0	0.0	70.3	0.0
Nalagarh	400	435	00:00	411	18:39	0.0	0.0	86.7	14.3
Kishenpur	400	429	03:00	398	18:38	0.0	0.0	19.9	0.0
Wagoora	400	408	03:03	375	18:09	10.4	34.2	0.0	0.0
Amritsar	400	432	03:03	408	18:36	0.0	0.0	70.1	3.8
Kashipur	400	421	03:03	409	18:04	0.0	0.0	0.1	0.0
Hamirpur	400	427	01:31	404	18:39	0.0	0.0	56.2	0.0
Rishikesh	400	418	02:22	387	18:08	0.0	1.1	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	01:28	732	18:08	0.0	5.9	0.0	0.0
Balia	765	771	07:07	732	18:08	0.0	6.6	0.0	0.0
Moga	765	810	03:03	767	18:09	0.0	0.0	24.0	0.0
Agra	765	794	03:02	753	18:08	0.0	0.0	0.0	0.0
Bhiwani	765	811	02:32	775	18:06	0.0	0.0	35.9	0.0
Unnao	765	770	16:02	737	18:07	0.0	4.2	0.0	0.0
Lucknow	765	778	07:09	738	18:08	0.0	1.0	0.0	0.0
Meerut	765	816	02:56	768	18:08	0.0	0.0	46.1	0.0
Jhatikara	765	0	00:00	9999	00:00	0.0	0.0	0.0	0.0
Bareilly 765 kV	765	0	00:00	9999	00:00	0.0	0.0	0.0	0.0
Anta	765	784	21:30	763	06:27	0.0	0.0	0.0	0.0
Phagi	765	795	21:34	767	17:56	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	508.16	1455.60	505.20	1312.37	215.43	391.76
Pong	426.72	384.05	417.37	768.49	411.97	566.84	51.03	296.59
Tehri	829.79	740.04	815.20	906.26	821.85	1041.34	64.60	146.00
Koteshwar	612.50	598.50	610.68	4.95	608.28	4.21	146.00	146.02
Chamera-I	760.00	748.75	758.50	0.00	0.00	0.00	75.91	75.03
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	508.26	4.10	510.17	2.36	67.10	154.44

*** NA: Not Available**

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

State	Off- Peak Hours (03:00 Hrs)			Peak Hours (19:00 Hrs)			Day Energy (MU)		
	Bilateral (MW)	IEX (MW)	PXIL (MW)	Bilateral (MW)	IEX (MW)	PXIL (MW)	Bilateral (MU)	IEX / PXIL (MU)	Total (MU)
Punjab	-615	281	0	-595	257	0	-11.45	6.75	-4.70
Delhi	-694	-115	0	-496	263	0	-13.37	3.69	-9.67
Haryana	-395	85	0	-514	209	0	-10.66	3.12	-7.54
HP	61	172	0	208	-431	0	4.10	-1.24	2.87
J&K	379	-151	0	362	-101	0	8.71	-1.60	7.11
CHD	-30	0	0	0	-70	0	-0.24	-0.36	-0.60
Rajasthan	0	630	0	0	187	0	6.93	13.13	20.06
UP	93	0	0	-254	0	0	-3.59	0.00	-3.59
Uttarakhand	195	18	0	195	42	0	4.67	2.96	7.63
Total	**-1006**	**919**	**0**	**-1094**	**357**	**0**	**-14.89**	**26.46**	**11.57**

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-190	-615	306	221	0	0
Delhi	-492	-694	534	-150	0	0
Haryana	-395	-524	217	-190	0	0
HP	232	61	172	-727	0	0
J&K	379	342	0	-176	0	0
CHD	0	-30	0	-80	0	0
Rajasthan	533	0	1015	-120	0	0
UP	128	-294	0	0	0	0
Uttarakhand	195	195	345	-49	0	0

XI. System Constraints:

XII. Grid Disturbance / Any Other Significant Event:

XIII. Weather Conditions For 14.11.2015 :
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 : 14.11.2015

पारी प्रभारी अभियंता / SHIFT CHARGE ENGINEER