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 15.10.2015
Date of Reporting : 16.10.2015

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
43010	1272	44282	50.09	35869	1862	37731	50.15	915.3	42.03

* 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	52.08	10.07		62.15	53.20	53.24	0.04	115.39	0.00
Haryana	69.69	0.60		70.29	70.80	67.42	-3.38	137.72	0.00
Rajasthan	126.29	3.95	5.12	135.36	69.42	72.17	2.75	207.53	1.74
Delhi	13.63			13.63	74.01	71.69	-2.32	85.32	0.00
UP	146.42	10.44		156.85	113.85	112.13	-1.72	268.98	31.17
Uttarakhand		16.71		16.71	16.23	17.83	1.60	34.54	0.00
HP		8.91		8.91	13.65	14.44	0.79	23.35	0.01
J & K		12.32	0.00	12.32	25.78	26.07	0.29	38.39	9.11
Chandigarh				0.00	4.12	4.04	0.27	4.04	0.00
Total	**408.11**	**62.99**	**5.12**	**476.22**	**441.06**	**439.03**	**-1.69**	**915.25**	**42.03**

* 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	5438	0	-246	10	4162	0	66	-18	5438
Haryana	7265	0	-300	225	4521	0	-105	184	7430
Rajasthan	8953	0	-94	586	9047	0	-43	877	9547
Delhi	4225	0	-11	402	3123	0	63	277	4225
UP	12172	780	-285	444	11598	1640	-54	586	12172
Uttarakhand	1648	0	-9	169	1258	0	12	197	1750
HP	1141	0	-29	-519	781	0	145	82	1229
J&K	1966	492	60	145	1258	222	34	120	1966
Chandigarh	202	0	-27	0	120	0	-1	15	216
Total	**43010**	**1272**	**-942**	**1459**	**35869**	**1862**	**117**	**2318**	**43010**

* 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 :

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	1532	1562	1947	37.17	1549	36.26	0.91
	Rihand I STPS (2*500)	1000	837	889	846	19.38	808	19.25	0.14
	Rihand II STPS (2*500)	1000	943	940	857	21.48	895	21.54	-0.06
	Rihand III STPS (2*500)	1000	480	504	482	10.84	452	10.90	-0.06
	Dadri I STPS (4*210)	840	800	462	447	10.32	430	10.44	-0.12
	Dadri II STPS (2*490)	980	970	758	662	16.63	693	17.67	-1.05
	Unchahar I TPS (2*210)	420	200	145	152	3.55	148	3.94	-0.39
	Unchahar II TPS (2*210)	420	400	291	300	6.90	287	7.26	-0.37
	Unchahar III TPS (1*220)	210	200	147	140	3.25	135	3.51	-0.26
	ISTPP (Jhajjhar) (3*500)	1500	1436	737	649	15.04	627	15.38	-0.34
	Dadri GPS (4*130.19+2*154.51)	830	672	372	301	7.38	308	7.50	-0.11
	Anta GPS (3*88.71+1*153.2)	419	409	0	0	0.00	0	0.00	0.00
	Auraiya GPS (4*111.19+2*109.30)	663	526	298	290	6.56	273	6.63	-0.08
	Dadri Solar	5	1	0	0	0.02	1	0.02	0.00
	Unchahar Solar	10	3	0	0	0.00	0	0.06	-0.06
	Singrauli Solar	15	3	0	0	0.04	2	0.08	-0.04
	KHEP	800	850	700	0	5.07	211	5.08	0.00
	Sub Total (A)	**12112**	**10261**	**7805**	**7073**	**164**	**6818**	**166**	**-2**
B. NPC	NAPS (2*220)	440	376	425	434	9.46	394	9.02	0.44
	RAPS- B (2*220)	440	397	439	439	9.48	395	9.53	-0.05
	RAPS- C (2*220)	440	206	228	229	4.79	200	4.94	-0.16
	Sub Total (B)	**1320**	**979**	**1092**	**1102**	**23.73**	**989**	**23.50**	**0.23**
C. NHPC	Chamera I HPS (3*180)	540	534	415	0	1.76	73	1.70	0.06
	Chamera II HPS (3*100)	300	300	269	0	3.09	129	3.09	0.00
	Chamera III HPS (3*77)	231	229	230	0	2.03	85	1.88	0.15
	Bairasuil HPS(3*60)	180	179	119	0	0.98	41	0.93	0.05
	Salal-HPS (6*115)	690	284	451	203	6.78	283	6.78	0.00
	Tanakpur-HPS (3*40)	94	55	62	61	1.45	61	1.32	0.14
	Uri-I HPS (4*120)	480	219	311	209	5.73	239	5.26	0.47
	Uri-II HPS (4*60)	240	129	195	122	3.26	136	3.10	0.16
	Dhauliganga-HPS (4*70)	280	280	276	0	2.02	84	1.88	0.14
	Dulhasti-HPS (3*130)	390	257	259	263	6.27	261	6.17	0.10
	Sewa-II HPS (3*40)	120	119	124	0	0.79	33	0.65	0.14
	Parbati 3 (4*130)	520	282	131	0	0.81	34	0.85	-0.04
	Sub Total (C)	**4065**	**2867**	**2842**	**858**	**35**	**1457**	**34**	**1**
D.SJVNL	NJPC (6*250)	1500	1605	1450	0	14.71	613	14.66	0.05
	Rampur HEP (6*68.67)	412	432	419	0	4.18	174	4.08	0.10
	Sub Total (D)	**1912**	**2037**	**1869**	**0**	**18.89**	**787**	**18.74**	**0.15**
E. THDC	Tehri HPS (4*250)	1000	1080	946	0	8.45	352	8.20	0.25
	Koteshwar HPS (4*100)	400	121	102	90	2.94	123	2.90	0.04
	Sub Total (E)	**1400**	**1201**	**1048**	**90**	**11.39**	**475**	**11.10**	**0.29**
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	610	889	526	14.70	613	14.63	0.07
	Dehar HPS (6*165)	990	292	660	160	7.21	300	7.01	0.20
	Pong HPS (6*66)	396	185	318	132	4.34	181	4.44	-0.11
	Sub Total (F)	**2765**	**1087**	**1867**	**818**	**26.24**	**1094**	**26.09**	**0.16**
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	0	0	0.00	0	1.02	-1.02
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	810	250	8.15	340	8.05	0.10
	Malana Stg-II HPS (2*50)	100	0	101	25	0.54	23	0.56	-0.02
	Shree Cement TPS (2*150)	300	0	258	252	6.00	250	6.10	-0.09
	Budhil HPS(IPP) (2*35)	70	0	75	0	0.05	2	0.53	-0.47
	Sub Total (G)	1662	0	1244	528	14.75	615	16.25	-1.50
H. Total Regional Entities (A-G)		**25237**	**18432**	**17766**	**10468**	**293.61**	**12234**	**294.80**	**-1.19**

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	910	920	20.53	855
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	100	90	2.12	88
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	204	217	4.50	187
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	701	701	17.38	724
	Talwandi Saboo (1*660)	660	360	326	7.57	315
	Thermal (Total)	**4700**	**2275**	**2254**	**52.08**	**2170**
	Total Hydro	1000	422	410	10.07	420
	Total Punjab	**5700**	**2697**	**2664**	**62.15**	**2589**
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	631	627	14.45	602
	DCRTPP (Yamuna nagar) (2*300)	600	551	456	11.75	490
	Faridabad GPS (NTPC)	432	183	145	4.25	177
	RGTPP (khedar) (IPP) (2*600)	1200	1144	749	20.75	865
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	1002	739	18.50	771
	Thermal (Total)	**4944**	**3511**	**2716**	**69.69**	**2904**
	Total Hydro	62	29	28	0.60	25
	Total Haryana	**5006**	**3540**	**2744**	**70.29**	**2929**
Rajasthan	kota TPS (2*110+2*195+3*210)	1240	869	783	20.58	857
	suratgarh TPS (6*250)	1500	643	662	14.63	610
	Chabra TPS (4*250)	1000	348	414	8.97	374
	Dholpur GPS (3*110)	330	0	0	0.05	2
	Ramgarh GPS (1*37.5 + 1*35.5 +2*37.5 +1*110 +1*50)	271	210	219	5.28	220
	RAPS A (NPC) (1*100+1*200)	300	158	160	3.91	163
	Barsingsar (NLC) (2*125)	250	168	74	2.85	119
	Giral LTPS (2*125)	250	85	82	1.58	66
	Rajwest LTPS (IPP) (8*135)	1080	813	839	20.32	847
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(2*600)	1200	742	1035	19.96	832
	Kawai(Adani) (2*660)	1320	1201	1158	28.17	1174
	Thermal (Total)	**8876**	**5237**	**5426**	**126**	**5262**
	Total Hydro	550	207	158	3.95	165
	Wind power	3214	76	526	4.45	185
	Biomass	99	21	21	0.50	21
	Solar	730	1	0	0.18	7
	Renewable/Others (Total)	4043	98	547	5.12	213
	Total Rajasthan	**13469**	**5542**	**6131**	**135.36**	**5640**
UP	Anpara TPS (3*210+2*500)	1630	1350	1383	32.30	1346
	Obra TPS (2*50+2*94+5*200)	1194	302	289	7.10	296
	Paricha TPS (2*110+2*220+2*250)	1140	635	655	15.40	642
	Panki TPS (2*105)	210	59	68	1.40	58
	Harduaganj TPS (1*60+1*105+2*250)	665	536	438	12.30	513
	Tanda TPS (NTPC) (4*110)	440	368	376	9.01	376
	Roza TPS (IPP) (4*300)	1200	1098	896	23.12	963
	Anpara-C (IPP) (2*600)	1200	1077	1080	25.87	1078
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	405	365	8.09	337
	Anpara-D(1*500)	500	0	0	0.00	0
	Lalitpur TPS(1*660)	660	383	391	9.43	393
	Thermal (Total)	**9289**	**6213**	**5941**	**144**	**6001**
	Vishnuparyag HPS (IPP)(4*110)	440	221	236	5.56	232
	Alaknanada(4*82.5)	330	109	167	3.12	130
	Other Hydro	527	112	29	1.76	73
	Cogeneration	981	100	100	2.40	100
	Total UP	**11567**	**6755**	**6473**	**157**	**6536**
Uttarakhand	Total Hydro	1398	766	653	16.71	696
	Total Uttarakhand	**1398**	**766**	**653**	**16.71**	**696**
Delhi	Rajghat TPS (2*67.5)	135	0	0	-0.03	-1
	Delhi Gas Turbine (6x30 + 3x34)	282	36	36	0.91	38
	Pragati Gas Turbine (2x104+ 1x122)	330	148	153	3.61	151
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	250	252	6.01	250
	Badarpur TPS (NTPC) (3*95+2*210)	705	165	165	3.13	130
	Thermal (Total)	2917	599	606	13.63	568
	Total Delhi	**2917**	**599**	**606**	**13.63**	**568**
HP	Baspa HPS (IPP) (3*100)	300	58	116	2.38	99
	Malana HPS (IPP) (2*43)	86	82	44	0.61	26
	Other Hydro	878	254	217	5.92	247
	Total HP	**1264**	**394**	**377**	**8.91**	**371**
J & K	Baglihar HPS (IPP) (3*150)	450	450	390	10.59	441
	Other Hydro/IPP	560	74	77	1.73	72
	Gas/Diesel/Others	190	0	0	0.00	0
	Total J & K	**1200**	**524**	**467**	**12.32**	513
Total State Control Area Generation		**42521**	**20817**	**20115**	**476.22**	**19843**
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]			**5722.15**	**6318.42**	**162.36**	**6765**
Total Regional Availability(Gross)		**67758**	**44305**	**36902**	**932.20**	**38841**

IV. Total Hydro Generation:

Regional Entities Hydro	**12234**	**9237**	**2041**	**105.26**	**4386**
State Control Area Hydro	**6581**	**2784**	**2525**	**63**	**2625**
Total Regional Hydro	**18815**	**12021**	**4566**	**168.26**	**7011**

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)	150	-250	150	250	1.70	3.02	-1.32
765 KV Gwalior-Agra (D/C)	2024	2273	2737	0	55.99	0.00	55.99
400 KV Zerda-Kankroli	-59	-87	87	125	0.00	1.27	-1.27
400 KV Zerda-Bhinmal	-23	-62	145	91	0.00	0.23	-0.23
220 KV Auraiya-Malanpur	-132	-148	0	168	0.00	3.01	-3.01
220 KV Badod-Kota/Morak	25	-13	39	49	0.00	0.34	-0.34
Mundra-Mohindergarh(HVDC Bipole)	2502	2502	2507	0	60.42	0.00	60.42
400 KV Vindhyachal - Rihand	0	0	0	0	0.00	0.00	0.00
765 kV Phagi-Gwalior (D/C)	575	720	834	0	17.87	0.00	17.87
Sub Total WR	**5062**	**4935**			**135.98**	**7.87**	**128.11**
Pusauli Bypass/HVDC	400	400	400	0	8.88	0.00	8.88
400 KV MZP- GKP (D/C)	-16	239	342	16	5.20	0.00	5.20
400 KV Patna-Balia(D/C) X 2	135	225	315	0	5.63	0.00	5.63
400 KV B'Sharif-Balia (D/C)	-88	36	126	45	0.98	0.00	0.98
765 KV Gaya-Balia	10	85	143	0	1.12	0.00	1.12
765 KV Gaya-Fatehpur	22	99	248	0	3.42	0.00	3.42
220 KV Pusauli-Sahupuri	192	146	192	0	3.88	0.00	3.88
132 KV K'nasa-Sahupuri	0	0	0	0	0.96	0.00	0.96
132 KV Son Ngr-Rihand	-23	-10	0	36	0.00	0.51	-0.51
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	-182	-85	72	182	0.00	1.02	-1.02
400 KV Barh -GKP (D/C)	210	248	286	0	5.68	0.00	5.68
Sub Total ER	**660**	**1383**			**35.75**	**1.53**	**34.22**
+/- 800 KV BiswanathCharialli-Agra	0	0	150	0	0.03	0.00	0.03
Sub Total NER	**0**	**0**			**0.03**	**0.00**	**0.03**
Total IR Exch	**5722**	**6318**			**171.76**	**9.40**	**162.36**

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
27.07	2.27	29.35	4.55	-1.52	21.10	19.70	2.02	-2.02

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
57.03	101.73	158.76	34.22	128.11	162.33	-22.81	26.38	3.57

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	0	0	0	0	0	0	0.00

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	1.19	8.94	54.28	72.95	13.02	4.86	0.28	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)
50.23	6.02	49.71	18.24	49.99	0.052	0.071	50.19	49.94

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	407	03:48	401	22:45	0.0	0.0	0.0	0.0
Gorakhpur	400	419	07:57	403	18:23	0.0	0.0	0.0	0.0
Bareilly	400	416	04:02	393	18:23	0.0	0.0	0.0	0.0
Kanpur	400	411	04:02	403	11:36	0.0	0.0	0.0	0.0
Dadri	400	425	04:00	400	18:22	0.0	0.0	5.8	0.0
Ballabhgarh	400	429	04:02	402	18:21	0.0	0.0	18.5	0.0
Bawana	400	426	03:59	398	18:38	0.0	0.0	13.0	0.0
Bassi	400	422	03:59	397	11:24	0.0	0.0	0.6	0.0
Hissar	400	423	03:58	396	18:20	0.0	0.0	5.6	0.0
Moga	400	427	03:23	402	18:21	0.0	0.0	14.3	0.0
Abdullapur	400	429	03:17	396	18:27	0.0	0.0	19.6	0.0
Nalagarh	400	437	01:44	405	18:37	0.0	0.0	40.0	18.4
Kishenpur	400	430	02:30	399	18:22	0.0	0.0	23.7	0.0
Wagoora	400	420	03:44	379	18:21	0.1	15.1	0.0	0.0
Amritsar	400	432	01:04	404	18:26	0.0	0.0	30.0	7.8
Kashipur	400	419	03:21	408	18:21	0.0	0.0	0.0	0.0
Hamirpur	400	428	04:47	407	11:12	0.0	0.0	24.0	0.0
Rishikesh	400	412	03:20	384	18:23	0.0	5.9	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	776	04:02	746	18:23	0.0	0.0	0.0	0.0
Balia	765	774	08:00	745	18:23	0.0	0.0	0.0	0.0
Moga	765	810	03:00	764	18:22	0.0	0.0	12.8	0.0
Agra	765	794	04:03	757	18:24	0.0	0.0	0.0	0.0
Bhiwani	765	809	03:58	764	18:21	0.0	0.0	13.4	0.0
Unnao	765	764	08:06	738	18:22	0.0	4.2	0.0	0.0
Lucknow	765	776	08:02	744	18:23	0.0	0.0	0.0	0.0
Meerut	765	818	04:02	767	18:22	0.0	0.0	23.9	0.0
Jhatikara	765	800	04:00	750	18:24	0.0	0.0	0.0	0.0
Bareilly	765	769	06:29	767	06:37	0.0	0.0	0.0	0.0
Anta	765	768	00:00	768	00:00	0.0	0.0	0.0	0.0
Phagi	765	790	04:00	752	18:23	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	510.30	1560.04	508.71	1485.27	308.74	413.43
Pong	426.72	384.05	419.86	875.55	415.51	693.24	121.76	254.96
Tehri	829.79	740.04	819.95	1002.27	824.60	1098.00	102.56	189.00
Koteshwar	612.50	598.50	610.61	4.95	609.18	4.21	189.00	194.00
Chamera-I	760.00	748.75	0.00	0.00	0.00	0.00	95.33	47.83
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	513.10	3.57	511.53	3.36	82.44	144.05

*** 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	-91	72	0	-95	105	0	-2.19	2.62	0.43
Delhi	-95	372	0	-95	496	0	-1.91	12.68	10.77
Haryana	-3	186	0	-3	228	0	-0.07	4.42	4.35
HP	-50	132	0	-50	-469	0	-1.21	-0.95	-2.15
J&K	-19	139	0	-19	164	0	-0.47	3.83	3.36
CHD	0	15	0	0	0	0	0.00	0.65	0.65
Rajasthan	-5	880	2	-5	589	2	1.63	19.34	20.97
UP	290	296	0	246	197	0	6.23	4.48	10.71
Uttarakhand	197	0	0	197	-28	0	4.72	0.39	5.11
Total	**223**	**2093**	**2**	**176**	**1281**	**2**	**6.73**	**47.46**	**54.18**

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-91	-95	151	63	0	0
Delhi	-41	-95	973	41	0	0
Haryana	-3	-3	251	-74	0	0
HP	-50	-50	191	-546	0	0
J&K	-19	-19	377	-35	0	0
CHD	0	0	69	0	0	0
Rajasthan	190	-5	1250	583	2	2
UP	301	202	493	0	0	0
Uttarakhand	197	197	184	-101	0	0

XI. System Constraints:

XII. Grid Disturbance / Any Other Significant Event:

XIII. Weather Conditions For 15.10.2015 :
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 : 15.10.2015

पारी प्रभारी अभियंता / SHIFT CHARGE ENGINEER