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 13.10.2015
Date of Reporting : 14.10.2015

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
44759	2135	46894	50.08	37895	2589	40484	50.07	970.2	71.49

* 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	70.44	10.74		81.17	58.59	57.50	-1.09	138.68	0.00
Haryana	74.22	0.54		74.75	80.13	79.49	-0.64	154.24	0.02
Rajasthan	125.19	3.37	16.31	144.86	58.56	58.75	0.19	203.61	0.52
Delhi	12.09			12.09	79.44	79.58	0.14	91.67	0.71
UP	125.87	11.63		137.49	136.07	142.38	6.32	279.87	61.18
Uttarakhand		16.23		16.23	17.45	19.28	1.83	35.51	0.05
HP		8.87		8.87	14.62	15.15	0.53	24.02	0.00
J & K		10.15	0.00	10.15	26.82	27.87	1.05	38.02	9.02
Chandigarh				0.00	4.50	4.61	0.27	4.61	0.00
Total	**407.79**	**61.52**	**16.31**	**485.62**	**476.17**	**484.61**	**8.59**	**970.22**	**71.49**

* 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	6064	0	-110	-63	5321	0	-91	-86	6115
Haryana	7759	0	-178	196	5361	0	40	214	7759
Rajasthan	9109	0	-188	397	8745	0	127	579	9305
Delhi	4303	29	24	265	3554	0	68	12	4303
UP	12472	1635	-99	243	11382	2380	129	910	12472
Uttarakhand	1720	0	-35	173	1305	0	78	235	1821
HP	1226	0	-16	-550	892	0	105	22	1304
J&K	1884	471	-53	95	1184	209	-98	120	1979
Chandigarh	222	0	-10	0	151	0	8	0	237
Total	**44759**	**2135**	**-665**	**755**	**37895**	**2589**	**366**	**2006**	**44759**

* 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	1630	1764	1857	40.31	1680	39.13	1.18
	Rihand I STPS (2*500)	1000	870	907	966	20.88	870	20.76	0.13
	Rihand II STPS (2*500)	1000	943	1004	992	23.10	963	22.45	0.65
	Rihand III STPS (2*500)	1000	477	581	494	11.53	480	11.39	0.14
	Dadri I STPS (4*210)	840	800	566	599	13.47	561	14.03	-0.56
	Dadri II STPS (2*490)	980	970	889	966	21.18	882	22.52	-1.34
	Unchahar I TPS (2*210)	420	200	169	192	4.64	193	4.72	-0.08
	Unchahar II TPS (2*210)	420	400	374	358	9.23	385	9.34	-0.11
	Unchahar III TPS (1*220)	210	200	197	196	4.61	192	4.66	-0.05
	ISTPP (Jhajjhar) (3*500)	1500	1436	946	669	17.84	743	18.06	-0.23
	Dadri GPS (4*130.19+2*154.51)	830	670	389	270	8.17	340	8.40	-0.23
	Anta GPS (3*88.71+1*153.2)	419	409	-1	-1	0.00	0	0.00	0.00
	Auraiya GPS (4*111.19+2*109.30)	663	526	271	267	6.20	258	6.24	-0.05
	Dadri Solar	5	1	0	0	0.02	1	0.02	-0.01
	Unchahar Solar	10	3	0	0	0.02	1	0.06	-0.04
	Singrauli Solar	15	3	0	0	0.00	0	0.08	-0.08
	KHEP	800	850	851	0	4.79	200	4.50	0.29
	Sub Total (A)	**12112**	**10388**	**8907**	**7825**	**186**	**7749**	**186**	**0**
B. NPC	NAPS (2*220)	440	347	423	417	9.03	376	8.32	0.72
	RAPS- B (2*220)	440	397	439	443	9.52	397	9.53	-0.01
	RAPS- C (2*220)	440	206	228	230	4.80	200	4.94	-0.14
	Sub Total (B)	**1320**	**950**	**1090**	**1090**	**23.36**	**973**	**22.79**	**0.57**
C. NHPC	Chamera I HPS (3*180)	540	540	547	0	3.22	134	3.10	0.12
	Chamera II HPS (3*100)	300	300	305	0	3.00	125	2.80	0.20
	Chamera III HPS (3*77)	231	229	231	0	1.96	82	1.65	0.31
	Bairasuil HPS(3*60)	180	179	181	0	0.93	39	0.87	0.05
	Salal-HPS (6*115)	690	197	228	195	5.70	238	4.76	0.94
	Tanakpur-HPS (3*40)	94	51	43	59	1.42	59	1.24	0.18
	Uri-I HPS (4*120)	480	219	228	318	6.09	254	5.27	0.82
	Uri-II HPS (4*60)	240	133	232	133	3.46	144	3.19	0.28
	Dhauliganga-HPS (4*70)	280	280	210	0	2.30	96	2.10	0.20
	Dulhasti-HPS (3*130)	390	254	266	267	6.21	259	6.10	0.11
	Sewa-II HPS (3*40)	120	119	129	0	1.03	43	0.65	0.38
	Parbati 3 (4*130)	520	282	268	0	0.81	34	0.85	-0.04
	Sub Total (C)	**4065**	**2784**	**2868**	**972**	**36**	**1505**	**33**	**4**
D.SJVNL	NJPC (6*250)	1500	1605	1325	0	15.00	625	14.47	0.53
	Rampur HEP (6*68.67)	412	360	373	0	4.22	176	3.96	0.26
	Sub Total (D)	**1912**	**1965**	**1698**	**0**	**19.23**	**801**	**18.43**	**0.79**
E. THDC	Tehri HPS (4*250)	1000	1080	936	0	8.47	353	8.10	0.37
	Koteshwar HPS (4*100)	400	121	102	90	2.97	124	2.90	0.07
	Sub Total (E)	**1400**	**1201**	**1038**	**90**	**11.44**	**476**	**11.00**	**0.44**
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	657	1046	505	15.60	650	15.76	-0.16
	Dehar HPS (6*165)	990	281	660	165	6.93	289	6.76	0.17
	Pong HPS (6*66)	396	219	318	126	5.25	219	5.27	-0.02
	Sub Total (F)	**2765**	**1157**	**2024**	**796**	**27.77**	**1157**	**27.78**	**-0.01**
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	82	54	1.06	44	1.02	0.04
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	791	180	8.22	343	7.94	0.28
	Malana Stg-II HPS (2*50)	100	0	104	25	0.61	25	0.58	0.03
	Shree Cement TPS (2*150)	300	0	146	147	3.48	145	5.15	-1.67
	Budhil HPS(IPP) (2*35)	70	0	75	0	0.50	21	0.49	0.01
	Sub Total (G)	1662	0	1198	406	13.87	578	15.18	-1.31
H. Total Regional Entities (A-G)		**25237**	**18445**	**18822**	**11180**	**317.78**	**13241**	**314.13**	**3.65**

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	1060	930	23.55	981
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	90	200	2.92	122
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	595	628	14.41	601
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	969	1266	29.55	1231
	Talwandi Saboo (1*660)	660	0	0	0.00	0
	Thermal (Total)	**4700**	**2714**	**3024**	**70.44**	**2935**
	Total Hydro	1000	475	422	10.74	447
	Total Punjab	**5700**	**3189**	**3446**	**81.17**	**3382**
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	653	625	14.87	620
	DCRTPP (Yamuna nagar) (2*300)	600	556	560	12.66	528
	Faridabad GPS (NTPC)	432	173	36	3.72	155
	RGTPP (khedar) (IPP) (2*600)	1200	1133	377	21.96	915
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	1084	737	21.00	875
	Thermal (Total)	**4944**	**3599**	**2335**	**74.22**	**3092**
	Total Hydro	62	21	25	0.54	22
	Total Haryana	**5006**	**3620**	**2360**	**74.75**	**3115**
Rajasthan	kota TPS (2*110+2*195+3*210)	1240	730	843	19.45	810
	suratgarh TPS (6*250)	1500	654	468	14.05	586
	Chabra TPS (4*250)	1000	437	416	9.10	379
	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	215	208	5.11	213
	RAPS A (NPC) (1*100+1*200)	300	155	160	3.92	163
	Barsingsar (NLC) (2*125)	250	95	95	2.18	91
	Giral LTPS (2*125)	250	82	67	1.35	56
	Rajwest LTPS (IPP) (8*135)	1080	891	843	19.85	827
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(2*600)	1200	1084	915	23.13	964
	Kawai(Adani) (2*660)	1320	1217	1182	27.04	1127
	Thermal (Total)	**8876**	**5560**	**5197**	**125**	**5216**
	Total Hydro	550	160	135	3.37	140
	Wind power	3214	367	874	15.28	636
	Biomass	99	24	24	0.58	24
	Solar	730	2	0	0.46	19
	Renewable/Others (Total)	4043	393	898	16.31	680
	Total Rajasthan	**13469**	**6113**	**6230**	**144.86**	**6036**
UP	Anpara TPS (3*210+2*500)	1630	1332	1301	31.40	1308
	Obra TPS (2*50+2*94+5*200)	1194	293	431	8.00	333
	Paricha TPS (2*110+2*220+2*250)	1140	565	617	14.30	596
	Panki TPS (2*105)	210	59	45	1.30	54
	Harduaganj TPS (1*60+1*105+2*250)	665	436	306	9.30	388
	Tanda TPS (NTPC) (4*110)	440	370	360	9.03	376
	Roza TPS (IPP) (4*300)	1200	820	810	19.77	824
	Anpara-C (IPP) (2*600)	1200	531	540	12.87	536
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	365	322	8.07	336
	Anpara-D(1*500)	500	0	0	0.00	0
	Lalitpur TPS(1*660)	660	365	390	9.43	393
	Thermal (Total)	**9289**	**5136**	**5122**	**123**	**5144**
	Vishnuparyag HPS (IPP)(4*110)	440	271	261	6.03	251
	Alaknanada(4*82.5)	330	123	128	3.16	132
	Other Hydro	527	264	36	2.43	101
	Cogeneration	981	100	100	2.40	100
	Total UP	**11567**	**5894**	**5647**	**137**	**5729**
Uttarakhand	Total Hydro	1398	803	628	16.23	676
	Total Uttarakhand	**1398**	**803**	**628**	**16.23**	**676**
Delhi	Rajghat TPS (2*67.5)	135	0	0	-0.02	-1
	Delhi Gas Turbine (6x30 + 3x34)	282	36	36	0.90	38
	Pragati Gas Turbine (2x104+ 1x122)	330	88	43	1.86	77
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	250	260	6.15	256
	Badarpur TPS (NTPC) (3*95+2*210)	705	190	160	3.20	133
	Thermal (Total)	2917	564	499	12.09	504
	Total Delhi	**2917**	**564**	**499**	**12.09**	**504**
HP	Baspa HPS (IPP) (3*100)	300	29	29	2.31	96
	Malana HPS (IPP) (2*43)	86	0	0	0.00	0
	Other Hydro	878	307	246	6.56	273
	Total HP	**1264**	**336**	**275**	**8.87**	**370**
J & K	Baglihar HPS (IPP) (3*150)	450	437	300	8.16	340
	Other Hydro/IPP	560	92	75	1.99	83
	Gas/Diesel/Others	190	0	0	0.00	0
	Total J & K	**1200**	**529**	**375**	**10.15**	423
Total State Control Area Generation		**42521**	**21048**	**19460**	**485.62**	**20234**
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]			**6095**	**8621**	**184.35**	**7681**
Total Regional Availability(Gross)		**67758**	**45965**	**39261**	**987.75**	**41156**

IV. Total Hydro Generation:

Regional Entities Hydro	**12234**	**9456**	**2117**	**109.25**	**4552**
State Control Area Hydro	**6581**	**2982**	**2285**	**62**	**2563**
Total Regional Hydro	**18815**	**12438**	**4402**	**170.76**	**7115**

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	-150	0	250	0.00	3.07	-3.07
765 KV Gwalior-Agra (D/C)	2240	3174	3174	0	65.54	0.00	65.54
400 KV Zerda-Kankroli	-43	7	17	199	0.00	1.25	-1.25
400 KV Zerda-Bhinmal	-38	12	54	189	0.00	0.95	-0.95
220 KV Auraiya-Malanpur	-96	-60	0	143	0.00	1.02	-1.02
220 KV Badod-Kota/Morak	43	7	41	57	0.00	0.42	-0.42
Mundra-Mohindergarh(HVDC Bipole)	2498	2503	2507	0	60.43	0.00	60.43
400 KV Vindhyachal - Rihand	0	0	0	0	0.00	0.00	0.00
765 kV Phagi-Gwalior (D/C)	690	1013	565	0	21.34	0.00	21.34
Sub Total WR	**5244**	**6506**			**147.31**	**6.71**	**140.60**
Pusauli Bypass/HVDC	400	400	400	0	9.03	0.00	9.03
400 KV MZP- GKP (D/C)	96	380	486	0	7.86	0.00	7.86
400 KV Patna-Balia(D/C) X 2	170	397	404	0	7.75	0.00	7.75
400 KV B'Sharif-Balia (D/C)	-67	116	197	67	2.50	0.00	2.50
765 KV Gaya-Balia	48	160	234	0	1.93	0.00	1.93
765 KV Gaya-Fatehpur	11	217	285	0	4.13	0.00	4.13
220 KV Pusauli-Sahupuri	101	132	180	0	3.59	0.00	3.59
132 KV K'nasa-Sahupuri	0	0	0	0	0.00	0.00	0.00
132 KV Son Ngr-Rihand	-12	-30	0	34	0.00	0.52	-0.52
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	-179	33	113	197	0.00	0.17	-0.17
400 KV Barh -GKP (D/C)	283	310	268	0	6.98	0.00	6.98
Sub Total ER	**851**	**2115**			**43.78**	**0.69**	**43.09**
+/- 800 KV BiswanathCharialli-Agra	0	0	450	0	0.66	0.00	0.66
Sub Total NER	**0**	**0**			**0.66**	**0.00**	**0.66**
Total IR Exch	**6095**	**8621**			**191.76**	**7.40**	**184.35**

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
52.51	2.26	54.77	3.49	-1.23	11.85	10.95	1.85	-1.85

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
71.96	103.31	175.28	43.09	140.60	183.69	-28.88	37.29	8.41

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	0.38	10.10	44.57	83.07	50.67	4.26	0.51	0.00	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)
50.14	6.02	49.68	11.14	49.91	0.150	0.086	50.13	49.84

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	02:35	400	10:54	0.0	0.0	0.0	0.0
Gorakhpur	400	417	08:01	400	18:25	0.0	0.0	0.0	0.0
Bareilly	400	411	04:02	393	13:52	0.0	0.0	0.0	0.0
Kanpur	400	411	03:57	400	13:51	0.0	0.0	0.0	0.0
Dadri	400	414	03:32	397	14:21	0.1	0.1	0.0	0.0
Ballabhgarh	400	420	04:00	401	13:55	0.0	0.0	0.0	0.0
Bawana	400	415	01:29	398	14:20	0.0	0.0	0.0	0.0
Bassi	400	422	04:01	399	11:12	0.0	0.0	0.4	0.0
Hissar	400	415	04:02	397	13:50	0.0	0.0	0.0	0.0
Moga	400	420	01:30	403	14:17	0.0	0.0	0.0	0.0
Abdullapur	400	421	01:28	401	14:17	0.0	0.0	0.4	0.0
Nalagarh	400	429	03:58	407	14:47	0.0	0.0	26.3	0.0
Kishenpur	400	427	03:58	402	19:40	0.0	0.0	18.2	0.0
Wagoora	400	415	02:55	382	20:05	0.0	16.6	0.0	0.0
Amritsar	400	426	04:01	166	13:28	0.0	0.0	18.2	0.0
Kashipur	400	416	23:57	408	13:47	0.0	0.0	0.0	0.0
Hamirpur	400	417	21:53	403	14:19	0.0	0.0	0.0	0.0
Rishikesh	400	404	23:57	381	14:17	0.0	21.9	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	772	04:00	746	13:51	0.0	0.0	0.0	0.0
Balia	765	770	08:01	742	18:25	0.0	0.0	0.0	0.0
Moga	765	798	04:00	766	14:17	0.0	0.0	0.0	0.0
Agra	765	782	04:02	755	14:22	0.0	0.0	0.0	0.0
Bhiwani	765	793	03:58	763	14:17	0.0	0.0	0.0	0.0
Unnao	765	760	04:00	741	10:49	0.0	54.0	0.0	0.0
Lucknow	765	769	04:01	740	13:51	0.0	0.9	0.0	0.0
Meerut	765	800	04:01	764	14:22	0.0	0.0	0.0	0.0
Jhatikara	765	0	00:00	9999	00:00	0.0	0.0	0.0	0.0
Bareilly	765	772	04:01	740	13:51	0.0	1.3	0.0	0.0
Anta	765	768	00:00	768	00:00	0.0	0.0	0.0	0.0
Phagi	765	784	04:00	754	11:16	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	510.43	1575.10	508.92	1500.16	308.63	446.39
Pong	426.72	384.05	419.97	889.22	415.72	705.67	98.88	302.59
Tehri	829.79	740.04	820.25	1007.55	824.60	1099.49	99.83	189.00
Koteshwar	612.50	598.50	610.81	4.95	609.20	4.21	189.00	195.00
Chamera-I	760.00	748.75	0.00	0.00	0.00	0.00	102.20	87.25
Rihand	268.22	252.98	851.80	284.70	854.50	329.80	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	3.49	511.69	3.61	121.59	137.66

*** 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	5	0	-95	32	0	-2.20	0.46	-1.74
Delhi	-95	106	0	-55	320	0	-1.78	7.59	5.81
Haryana	-13	227	0	-13	209	0	-0.61	4.10	3.50
HP	-50	73	0	-50	-500	0	-1.21	-1.93	-3.14
J&K	30	90	0	30	65	0	0.73	2.31	3.04
CHD	0	0	0	0	0	0	0.00	0.40	0.40
Rajasthan	-5	582	2	-5	400	2	1.51	10.05	11.56
UP	220	690	0	243	0	0	5.90	4.13	10.03
Uttarakhand	156	79	0	156	17	0	3.75	1.50	5.25
Total	**152**	**1851**	**2**	**211**	**541**	**2**	**6.09**	**28.61**	**34.71**

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-91	-95	98	0	0	0
Delhi	-25	-95	665	-5	0	0
Haryana	-13	-113	240	-102	0	0
HP	-50	-50	135	-565	0	0
J&K	30	30	214	-85	0	0
CHD	0	0	69	0	0	0
Rajasthan	190	-59	882	-408	2	2
UP	358	161	690	0	0	0
Uttarakhand	156	156	176	-60	0	0

XI. System Constraints:

XII. Grid Disturbance / Any Other Significant Event:

XIII. Weather Conditions For 13.10.2015 :
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 : 13.10.2015

पारी प्रभारी अभियंता / SHIFT CHARGE ENGINEER