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 14.01.2016
Date of Reporting : 15.01.2016

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
38122	3352	41473	50.05	29347	682	30029	50.11	814.2	53.25

* 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	36.02	8.79		44.80	42.34	41.77	-0.58	86.57	0.00
Haryana	45.39	0.32		45.71	77.05	72.01	-5.04	117.71	0.00
Rajasthan	135.95	5.97	2.65	144.56	66.09	67.32	1.23	211.88	3.57
Delhi	14.11			14.11	48.11	47.83	-0.29	61.94	0.15
UP	119.46	5.50		124.96	104.31	103.70	-0.60	228.67	32.76
Uttarakhand		10.05		10.05	21.23	23.15	1.92	33.20	4.12
HP		3.92		3.92	19.88	21.08	1.20	25.00	1.98
J & K		6.30	0.00	6.30	37.07	39.05	1.97	45.35	10.68
Chandigarh				0.00	3.68	3.86	0.27	3.86	0.00
Total	**350.93**	**40.84**	**2.65**	**394.42**	**419.75**	**419.75**	**0.09**	**814.17**	**53.25**

* 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	4277	0	-224	-632	2220	0	-176	96	4695
Haryana	6415	0	-76	-335	3538	0	-322	-94	6415
Rajasthan	9559	332	-141	-200	8574	0	32	782	9559
Delhi	3133	0	-128	-392	1468	0	4	-925	3708
UP	9799	1980	-15	94	9665	375	117	125	10510
Uttarakhand	1404	400	-298	312	1241	0	80	360	1899
HP	1184	102	138	124	811	0	100	352	1460
J&K	2152	538	63	747	1742	307	8	723	2152
Chandigarh	199	0	-10	0	88	0	-3	-31	222
Total	**38122**	**3352**	**-691**	**-282**	**29347**	**682**	**-160**	**1388**	**38122**

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

Diversity is 1.07

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	1870	2001	1834	43.88	1828	43.69	0.19
	Rihand I STPS (2*500)	1000	878	898	700	19.50	812	19.51	-0.02
	Rihand II STPS (2*500)	1000	964	1020	730	21.79	908	21.54	0.24
	Rihand III STPS (2*500)	1000	471	499	338	10.62	443	10.47	0.15
	Dadri I STPS (4*210)	840	815	608	427	12.62	526	13.30	-0.68
	Dadri II STPS (2*490)	980	980	474	358	10.41	434	11.26	-0.85
	Unchahar I TPS (2*210)	420	406	440	319	8.63	360	8.98	-0.34
	Unchahar II TPS (2*210)	420	404	443	282	8.38	349	8.65	-0.27
	Unchahar III TPS (1*220)	210	202	219	147	4.19	174	4.33	-0.14
	ISTPP (Jhajjhar) (3*500)	1500	1500	1024	611	18.87	786	19.38	-0.51
	Dadri GPS (4*130.19+2*154.51)	830	833	266	210	5.83	243	6.65	-0.82
	Anta GPS (3*88.71+1*153.2)	419	411	156	0	1.84	77	2.54	-0.70
	Auraiya GPS (4*111.19+2*109.30)	663	491	91	0	0.99	41	2.18	-1.20
	Dadri Solar	5	0	0	0	0.01	0	0.01	0.00
	Unchahar Solar	10	1	0	0	0.02	1	0.02	0.00
	Singrauli Solar	15	1	0	0	0.00	0	0.04	-0.03
	KHEP	800	870	655	0	2.80	117	2.61	0.19
	Sub Total (A)	**12112**	**11097**	**8794**	**5956**	**170**	**7100**	**175**	**-5**
B. NPC	NAPS (2*220)	440	410	390	390	9.36	390	9.84	-0.48
	RAPS- B (2*220)	440	400	443	448	9.68	404	9.60	0.08
	RAPS- C (2*220)	440	420	454	461	9.87	411	10.08	-0.21
	Sub Total (B)	**1320**	**1230**	**1287**	**1299**	**28.91**	**1205**	**29.52**	**-0.61**
C. NHPC	Chamera I HPS (3*180)	540	540	240	0	2.95	123	2.60	0.35
	Chamera II HPS (3*100)	300	300	304	0	1.27	53	1.10	0.18
	Chamera III HPS (3*77)	231	154	157	0	0.72	30	0.60	0.12
	Bairasuil HPS(3*60)	180	124	124	0	0.50	21	0.45	0.05
	Salal-HPS (6*115)	690	110	230	204	3.18	132	2.67	0.51
	Tanakpur-HPS (3*40)	94	18	23	17	0.54	22	0.42	0.12
	Uri-I HPS (4*120)	480	195	212	222	5.03	210	4.68	0.35
	Uri-II HPS (4*60)	240	121	98	122	3.00	125	2.90	0.10
	Dhauliganga-HPS (4*70)	280	140	140	0	0.87	36	0.77	0.10
	Dulhasti-HPS (3*130)	390	387	273	0	2.73	114	2.60	0.13
	Sewa-II HPS (3*40)	120	119	124	0	0.39	16	0.37	0.02
	Parbati 3 (4*130)	520	0	0	0	0.81	34	0.00	0.81
	Sub Total (C)	**4065**	**2207**	**1925**	**565**	**22**	**916**	**19**	**3**
D.SJVNL	NJPC (6*250)	1500	1605	949	0	6.85	285	6.61	0.24
	Rampur HEP (6*68.67)	412	412	279	0	1.94	81	1.84	0.10
	Sub Total (D)	**1912**	**2017**	**1228**	**0**	**8.79**	**366**	**8.44**	**0.34**
E. THDC	Tehri HPS (4*250)	1000	916	916	0	9.90	413	9.77	0.14
	Koteshwar HPS (4*100)	400	130	91	90	3.75	156	3.69	0.07
	Sub Total (E)	**1400**	**1046**	**1007**	**90**	**13.66**	**569**	**13.45**	**0.20**
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	567	1048	374	13.86	577	13.61	0.25
	Dehar HPS (6*165)	990	110	495	0	2.83	118	2.64	0.19
	Pong HPS (6*66)	396	276	318	186	6.64	277	6.63	0.01
	Sub Total (F)	**2765**	**953**	**1861**	**560**	**23.33**	**972**	**22.88**	**0.45**
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	43	0	0.46	19	0.44	0.02
	KARCHAM WANGTOO HPS(IPP) (4*250	1000	0	610	0	3.50	146	3.48	0.02
	Malana Stg-II HPS (2*50)	100	0	0	0	0.19	8	0.18	0.01
	Shree Cement TPS (2*150)	300	0	0	231	6.81	284	6.84	-0.02
	Budhil HPS(IPP) (2*35)	70	0	35	0	0.14	6	0.14	0.00
	Sub Total (G)	1662	0	688	231	11.11	463	11.08	0.03
H. Total Regional Entities (A-G)		**25237**	**18551**	**16789**	**8701**	**278.16**	**11590**	**279.69**	**-1.53**

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	3.81	159
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	100	97	2.19	91
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	0	0	-0.16	-7
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	712	0	10.40	433
	Talwandi Saboo (2*660)	1320	676	654	19.78	824
	Thermal (Total)	**5360**	**1648**	**911**	**36.02**	**1501**
	Total Hydro	1000	295	257	8.79	366
	Total Punjab	**6360**	**1943**	**1168**	**44.80**	**1867**
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	217	223	5.35	223
	DCRTPP (Yamuna nagar) (2*300)	600	585	491	12.43	518
	Faridabad GPS (NTPC)	432	0	0	0.00	0
	RGTPP (khedar) (IPP) (2*600)	1200	1077	391	16.63	693
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	373	373	10.99	458
	Thermal (Total)	**4944**	**2252**	**1478**	**45.39**	**1891**
	Total Hydro	62	8	0	0.32	13
	Total Haryana	**5006**	**2260**	**1478**	**45.71**	**1905**
Rajasthan	kota TPS (2*110+2*195+3*210)	1240	942	866	22.23	926
	suratgarh TPS (6*250)	1500	680	587	15.39	641
	Chabra TPS (4*250)	1000	677	609	15.07	628
	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	179	174	4.43	184
	RAPS A (NPC) (1*100+1*200)	300	163	165	4.05	169
	Barsingsar (NLC) (2*125)	250	183	183	4.22	176
	Giral LTPS (2*125)	250	78	69	1.09	45
	Rajwest LTPS (IPP) (8*135)	1080	809	812	19.46	811
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(2*600)	1200	1163	932	24.33	1014
	Kawai(Adani) (2*660)	1320	1193	1059	25.67	1070
	Thermal (Total)	**8876**	**6067**	**5456**	**136**	**5665**
	Total Hydro	550	229	177	5.97	249
	Wind power	3214	46	107	2.15	90
	Biomass	99	21	21	0.50	21
	Solar	730	0	0	0.00	0
	Renewable/Others (Total)	4043	67	128	2.65	110
	Total Rajasthan	**13469**	**6363**	**5761**	**144.56**	**6023**
UP	Anpara TPS (3*210+2*500)	1630	939	869	21.50	896
	Obra TPS (2*50+2*94+5*200)	1194	306	426	10.00	417
	Paricha TPS (2*110+2*220+2*250)	1140	831	890	21.20	883
	Panki TPS (2*105)	210	0	0	0.00	0
	Harduaganj TPS (1*60+1*105+2*250)	665	530	535	12.70	529
	Tanda TPS (NTPC) (4*110)	440	318	386	9.06	378
	Roza TPS (IPP) (4*300)	1200	392	554	12.90	538
	Anpara-C (IPP) (2*600)	1200	542	540	12.90	538
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	0	0	0.00	0
	Anpara-D(1*500)	500	0	0	0.00	0
	Lalitpur TPS(2*660)	1320	0	0	0.00	0
	Bara(2*660)	1320	0	0	0.00	0
	Thermal (Total)	**11269**	**3858**	**4200**	**100**	**4178**
	Vishnuparyag HPS (IPP)(4*110)	440	78	72	1.20	50
	Alaknanada(4*82.5)	330	81	54	0.90	38
	Other Hydro	527	78	149	3.40	142
	Cogeneration	981	800	800	19.20	800
	Total UP	**13547**	**4895**	**5275**	**125**	**5207**
Uttarakhand	Total Hydro	1398	556	360	10.05	419
	Total Uttarakhand	**1398**	**556**	**360**	**10.05**	**419**
Delhi	Rajghat TPS (2*67.5)	135	0	0	-0.03	-1
	Delhi Gas Turbine (6x30 + 3x34)	282	34	35	0.93	39
	Pragati Gas Turbine (2x104+ 1x122)	330	137	136	3.37	140
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	251	250	6.04	252
	Badarpur TPS (NTPC) (3*95+2*210)	705	164	166	3.80	158
	Thermal (Total)	2917	586	587	14.11	588
	Total Delhi	**2917**	**586**	**587**	**14.11**	**588**
HP	Baspa HPS (IPP) (3*100)	300	0	0	1.07	45
	Malana HPS (IPP) (2*43)	86	45	0	0.21	9
	Other Hydro	878	137	72	2.64	110
	Total HP	**1264**	**182**	**72**	**3.92**	**163**
J & K	Baglihar HPS (IPP) (3*150)	450	260	150	4.26	178
	Other Hydro/IPP	560	119	72	2.04	85
	Gas/Diesel/Others	190	0	0	0.00	0
	Total J & K	**1200**	**379**	**222**	**6.30**	263
Total State Control Area Generation		**45161**	**17164**	**14923**	**394.42**	**16434**
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]			**4641**	**5884**	**178.31**	**7429**
Total Regional Availability(Gross)		**70398**	**38595**	**29508**	**850.89**	**35454**

IV. Total Hydro Generation:

Regional Entities Hydro	**12234**	**7329**	**1215**	**74.71**	**3113**
State Control Area Hydro	**6581**	**1886**	**1363**	**41**	**1702**
Total Regional Hydro	**18815**	**9215**	**2578**	**115.55**	**4815**

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	50	500	400	4.13	0.71	3.42
765 KV Gwalior-Agra (D/C)	0	0	3456	0	49.42	0.00	49.42
400 KV Zerda-Kankroli	-44	-104	165	156	0.00	0.65	-0.65
400 KV Zerda-Bhinmal	92	-12	294	134	1.83	0.00	1.83
220 KV Auraiya-Malanpur	48	-18	0	48	0.00	1.19	-1.19
220 KV Badod-Kota/Morak	-33	-2	49	79	0.00	-0.19	0.19
Mundra-Mohindergarh(HVDC Bipole)	2499	2202	2511	0	56.97	0.00	56.97
400 KV Vindhyachal - Rihand	0	0	0	0	0.00	0.00	0.00
765 kV Phagi-Gwalior (D/C)	777	1062	2678	0	30.83	0.00	30.83
Sub Total WR	**3639**	**3178**			**143.17**	**2.36**	**140.82**
Pusauli Bypass/HVDC	400	400	400	0	8.95	0.00	8.95
400 KV MZP- GKP (D/C)	-740	-18	0	874	0.00	10.06	-10.06
400 KV Patna-Balia(D/C) X 2	556	775	901	0	16.76	0.00	16.76
400 KV B'Sharif-Balia (D/C)	-277	33	40	296	0.00	2.32	-2.32
765 KV Gaya-Balia	257	205	294	0	2.60	0.00	2.60
765 KV Gaya-Fatehpur	56	194	527	1	4.65	0.00	4.65
220 KV Pusauli-Sahupuri	165	129	167	0	2.98	0.00	2.98
132 KV K'nasa-Sahupuri	0	0	0	0	0.00	0.00	0.00
132 KV Son Ngr-Rihand	-30	-25	0	30	0.00	0.62	-0.62
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	-329	-47	170	374	0.00	2.96	-2.96
400 KV Barh -GKP (D/C)	444	560	690	0	13.72	0.00	13.72
Sub Total ER	**502**	**2206**			**49.66**	**15.97**	**33.69**
+/- 800 KV BiswanathCharialli-Agra	500	500	700	0	3.80	0.00	3.80
Sub Total NER	**500**	**500**			**3.80**	**0.00**	**3.80**
Total IR Exch	**4641**	**5884**			**196.63**	**18.32**	**178.31**

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
34.46	0.18	34.64	4.30	-10.35	0.00	15.80	4.93	-4.93

Total IR Schedule (MU)			Total IR Actual (MU)			Net IR UI (MU)		
Through ER	Through WR Inclds Mndra	Total	Through ER(including NER)	Through WR	Total	Through ER(including NER)	Through WR	Total
43.87	121.00	164.87	37.49	140.82	178.31	-6.38	19.81	13.43

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	-31	-29	0	33	0	1	-0.64

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	1.04	15.15	54.96	62.12	15.52	7.12	0.17	NA

<---------- Frequency (Hz) ---------->				Average Frequency	Frequency Variation Index	Std. Dev.	Frequency in 15 Min Block		Freq Dev Index (% of Time)
Maximum		Minimum					MAX	MIN	
Freq	Time	Freq	Time	Hz			(Hz)	(Hz)	
50.22	5.02	49.76	12.12	49.99	0.067	0.081	50.22	49.90	37.88

VII. Voltage profile 400 kV

Station	Voltage Level (kV)	Maximum		Minimum		Voltage (in % of Time)				Voltage Deviation Index (% of Time)
		Voltage(KV)	Time	Voltage (KV)	Time	<380 kV	<390 kV	>420 kV	>430 kV	
Rihand	400	405	01:04	396	06:04	0.0	0.0	0.0	0.0	0.0
Gorakhpur	400	419	21:55	398	07:15	0.0	0.0	0.0	0.0	0.0
Bareilly(PG)400kV	400	420	02:03	380	07:23	0.0	0.0	0.0	0.0	0.0
Kanpur	400	411	23:47	398	07:31	0.0	0.0	0.0	0.0	0.0
Dadri	400	425	02:01	401	11:15	0.0	0.0	21.5	0.0	21.5
Ballabhgarh	400	411	00:00	411	00:00	0.0	0.0	0.0	0.0	0.0
Bawana	400	428	02:40	407	11:06	0.0	0.0	33.5	0.0	33.5
Bassi	400	422	20:41	380	07:48	0.0	1.7	0.7	0.0	0.7
Hissar	400	422	21:41	400	07:48	0.0	0.0	2.0	0.0	2.0
Moga	400	423	21:21	403	07:48	0.0	0.0	6.0	0.0	6.0
Abdullapur	400	427	02:03	408	06:48	0.0	0.0	21.0	0.0	21.0
Nalagarh	400	437	02:41	413	09:22	0.0	0.0	75.5	24.3	75.5
Kishenpur	400	422	03:03	398	07:48	0.0	0.0	3.5	0.0	3.5
Wagoora	400	398	13:02	371	18:22	23.6	80.6	0.0	0.0	23.6
Amritsar	400	431	20:42	410	07:48	0.0	0.0	61.7	0.0	61.7
Kashipur	400	420	19:37	412	17:52	0.0	0.0	0.0	0.0	0.0
Hamirpur	400	427	03:03	404	07:47	0.0	0.0	27.9	0.0	27.9
Rishikesh	400	416	20:02	397	17:54	0.0	0.0	0.0	0.0	0.0

VIII. Voltage profile 765 kV

Station	Voltage Level (kV)	Maximum		Minimum		Voltage (in % of Time)				Voltage Deviation Index (% of Time)
		Voltage(KV)	Time	Voltage (KV)	Time	<728 kV	<742 kV	>800 kV	>820 kV	
Fatehpur	765	778	21:45	733	07:31	0.0	8.7	0.0	0.0	0.0
Balia	765	770	21:55	735	11:09	0.0	10.6	0.0	0.0	0.0
Moga	765	805	20:43	758	07:48	0.0	0.0	2.7	0.0	2.7
Agra	765	794	23:33	742	07:31	0.0	0.0	0.0	0.0	0.0
Bhiwani	765	805	21:46	757	07:44	0.0	0.0	12.1	0.0	12.1
Unnao	765	772	02:03	733	11:18	0.0	5.8	0.0	0.0	0.0
Lucknow	765	787	21:55	745	11:17	0.0	0.0	0.0	0.0	0.0
Meerut	765	811	21:22	765	07:48	0.0	0.0	22.6	0.0	22.6
Jhatikara	765	806	02:40	762	07:47	0.0	0.0	15.4	0.0	15.4
Bareilly 765 kV	765	790	21:55	741	11:18	0.0	0.1	0.0	0.0	0.0
Anta	765	783	12:27	750	07:40	0.0	0.0	0.0	0.0	0.0
Phagi	765	792	12:31	718	07:49	1.1	1.8	0.0	0.0	1.1

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	498.54	1041.47	495.11	903.28	182.33	410.54
Pong	426.72	384.05	408.74	454.47	403.52	304.55	64.08	443.07
Tehri	829.79	740.04	796.20	555.00	805.05	704.00	41.30	263.00
Koteshwar	612.50	598.50	611.08	4.95	608.89	3.98	263.00	247.01
Chamera-I	760.00	748.75	758.34	0.00	0.00	0.00	62.36	79.07
Rihand	268.22	252.98	848.50	231.70	850.50	263.50	0.00	0.00
RPS	352.80	343.81	1138.66	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	496.61	2.17	504.15	1.91	36.99	30.97

*** 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	-274	370	0	-734	102	0	-11.74	4.20	-7.54
Delhi	-840	-85	0	-544	152	0	-13.87	2.29	-11.58
Haryana	-395	301	0	-451	116	0	-11.26	4.31	-6.94
HP	113	240	0	175	-51	0	8.39	-0.75	7.63
J&K	723	0	0	712	35	0	16.21	-0.15	16.05
CHD	-31	0	0	0	0	0	-0.24	-0.06	-0.31
Rajasthan	-7	787	2	-7	-195	2	4.84	7.51	12.35
UP	125	0	0	94	0	0	-2.10	0.00	-2.10
Uttarakhand	193	168	0	193	120	0	4.74	2.75	7.49
Total	**-393**	**1780**	**2**	**-562**	**278**	**2**	**-5.04**	**20.09**	**15.05**

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-274	-734	370	8	0	0
Delhi	-281	-870	735	-119	0	0
Haryana	-395	-654	301	56	0	0
HP	607	113	269	-738	0	0
J&K	761	572	53	-164	0	0
CHD	0	-31	4	-46	0	0
Rajasthan	888	-7	793	-724	2	2
UP	156	-325	0	0	0	0
Uttarakhand	221	193	487	1	0	0

XI. System Reliability Indices:

(i)%age of times N-1 Criteria was violated in the inter - regional corridors
0.00 **%**
(ii)%age of times ATC violated on the inter-regional corridors
0.00 **%**

XII.System Constraints:

XIII. Grid Disturbance / Any Other Significant Event:

XIV. Weather Conditions For 14.01.2016 :

XV. Synchronisation of new generating units :

XVI. Synchronisation of new 220 / 400 / 765 KV lines and energising of bus / /substation :

XVII. Tripping of lines in pooling stations :

XVIII. Complete generation loss in a generating station :

Report for : 14.01.2016 **पारी प्रभारी अभियंता / SHIFT CHARGE ENGINEER**