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 30.01.2016
Date of Reporting : 31.01.2016

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
39158	2013	41171	50.10	30028	453	30480	50.08	847.2	43.55

* 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	57.33	6.39		63.71	37.98	37.83	-0.15	101.54	0.00
Haryana	53.87	0.24		54.11	64.98	64.65	-0.33	118.76	0.00
Rajasthan	139.01	4.05	9.24	152.29	68.93	71.49	2.56	223.79	0.00
Delhi	15.20			15.20	47.09	45.07	-2.02	60.27	0.04
UP	133.23	3.31		136.54	97.56	98.94	1.38	235.48	33.35
Uttarakhand		9.63		9.63	25.92	25.91	-0.01	35.54	0.00
HP		3.43		3.43	21.74	21.65	-0.08	25.08	0.00
J & K		5.24	0.00	5.24	38.68	37.76	-0.92	43.01	10.15
Chandigarh				0.00	3.85	3.73	0.27	3.73	0.00
Total	**398.64**	**32.29**	**9.24**	**440.16**	**406.74**	**407.04**	**0.69**	**847.20**	**43.55**

* 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	4720	0	-14	-706	3030	0	127	-220	5448
Haryana	6275	0	-290	-419	3455	0	-60	-378	6275
Rajasthan	9288	0	73	349	8748	0	223	638	10559
Delhi	2889	0	-193	-492	1521	0	-12	-1549	3533
UP	10676	1505	-119	7	9775	180	-8	125	10676
Uttarakhand	1858	0	54	709	1159	0	-112	463	1858
HP	1229	0	-4	313	701	0	-17	376	1348
J&K	2030	508	116	805	1545	273	-160	730	2030
Chandigarh	193	0	-22	10	94	0	5	-31	210
Total	**39158**	**2013**	**-399**	**576**	**30028**	**453**	**-14**	**155**	**39558**

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

Diversity is 1.06

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	1545	1531	1548	32.46	1353	34.99	-2.53
	Rihand I STPS (2*500)	1000	868	887	704	18.08	753	18.18	-0.10
	Rihand II STPS (2*500)	1000	961	962	795	19.67	820	20.17	-0.50
	Rihand III STPS (2*500)	1000	939	860	779	19.68	820	20.15	-0.47
	Dadri I STPS (4*210)	840	815	554	562	13.26	552	13.69	-0.43
	Dadri II STPS (2*490)	980	980	668	666	16.36	682	16.77	-0.40
	Unchahar I TPS (2*210)	420	406	379	330	7.48	312	7.73	-0.25
	Unchahar II TPS (2*210)	420	404	315	308	7.26	302	7.33	-0.08
	Unchahar III TPS (1*220)	210	202	149	151	3.48	145	3.63	-0.16
	ISTPP (Jhajjhar) (3*500)	1500	1475	739	633	14.19	591	14.44	-0.24
	Dadri GPS (4*130.19+2*154.51)	830	813	395	385	8.83	368	9.16	-0.33
	Anta GPS (3*88.71+1*153.2)	419	415	-1	-1	0.00	0	0.00	0.00
	Auraiya GPS (4*111.19+2*109.30)	663	655	283	249	6.21	259	6.38	-0.18
	Dadri Solar	5	1	0	0	0.02	1	0.02	0.00
	Unchahar Solar	10	1	0	0	0.03	1	0.03	0.00
	Singrauli Solar	15	2	0	0	0.06	3	0.05	0.01
	KHEP	800	655	561	0	2.05	85	1.97	0.08
	Sub Total (A)	**12112**	**11137**	**8282**	**7109**	**169**	**7046**	**175**	**-6**
B. NPC	NAPS (2*220)	440	412	439	448	9.81	409	9.89	-0.07
	RAPS- B (2*220)	440	379	422	424	9.13	381	9.10	0.04
	RAPS- C (2*220)	440	420	454	457	9.89	412	10.08	-0.19
	Sub Total (B)	**1320**	**1211**	**1315**	**1329**	**28.83**	**1201**	**29.06**	**-0.23**
C. NHPC	Chamera I HPS (3*180)	540	360	356	0	1.83	76	1.70	0.13
	Chamera II HPS (3*100)	300	300	304	0	1.12	47	1.09	0.03
	Chamera III HPS (3*77)	231	177	181	0	0.58	24	0.53	0.05
	Bairasuil HPS(3*60)	180	124	127	0	0.37	15	0.37	0.00
	Salal-HPS (6*115)	690	108	230	115	3.24	135	2.58	0.66
	Tanakpur-HPS (3*40)	94	19	30	28	0.45	19	0.45	0.00
	Uri-I HPS (4*120)	480	232	150	150	6.05	252	5.50	0.55
	Uri-II HPS (4*60)	240	148	178	154	3.62	151	3.56	0.06
	Dhauliganga-HPS (4*70)	280	210	138	0	0.78	33	0.70	0.08
	Dulhasti-HPS (3*130)	390	258	268	0	2.76	115	2.60	0.16
	Sewa-II HPS (3*40)	120	119	86	0	0.27	11	0.33	-0.06
	Parbati 3 (4*130)	520	0	0	0	0.00	0	0.00	0.00
	Sub Total (C)	**4065**	**2054**	**2047**	**447**	**21**	**878**	**19**	**2**
D.SJVNL	NJPC (6*250)	1500	1080	1049	0	6.04	252	6.00	0.04
	Rampur HEP (6*68.67)	412	275	297	0	1.71	71	1.63	0.08
	Sub Total (D)	**1912**	**1355**	**1346**	**0**	**7.76**	**323**	**7.63**	**0.12**
E. THDC	Tehri HPS (4*250)	1000	856	855	0	8.07	336	8.05	0.02
	Koteshwar HPS (4*100)	400	128	398	90	3.08	128	3.08	0.00
	Sub Total (E)	**1400**	**984**	**1253**	**90**	**11.15**	**465**	**11.13**	**0.02**
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	592	1036	363	13.94	581	14.21	-0.27
	Dehar HPS (6*165)	990	125	495	0	3.05	127	3.00	0.05
	Pong HPS (6*66)	396	255	318	66	6.06	252	6.12	-0.07
	Sub Total (F)	**2765**	**972**	**1849**	**429**	**23.04**	**960**	**23.33**	**-0.29**
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	0	0	0.38	16	0.36	0.01
	KARCHAM WANGTOO HPS(IPP) (4*250	1000	0	585	0	3.38	141	3.36	0.02
	Malana Stg-II HPS (2*50)	100	0	0	0	0.17	7	0.17	0.00
	Shree Cement TPS (2*150)	300	0	295	297	7.08	295	7.14	-0.07
	Budhil HPS(IPP) (2*35)	70	0	35	0	0.14	6	0.14	0.00
	Sub Total (G)	1662	0	915	297	11.15	464	11.17	-0.03
H. Total Regional Entities (A-G)		**25237**	**17714**	**17008**	**9701**	**272.11**	**11338**	**276.44**	**-4.34**

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	3.44	144
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	190	190	4.20	175
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	463	394	9.01	375
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	690	707	19.38	808
	Talwandi Saboo (2*660)	1320	871	671	21.30	887
	Thermal (Total)	**5360**	**2374**	**2122**	**57.33**	**2389**
	Total Hydro	1000	265	230	6.39	266
	Total Punjab	**6360**	**2639**	**2352**	**63.71**	**2655**
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	466	452	9.80	408
	DCRTPP (Yamuna nagar) (2*300)	600	556	466	12.02	501
	Faridabad GPS (NTPC)	432	0	0	0.00	0
	RGTPP (khedar) (IPP) (2*600)	1200	1120	786	22.14	922
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	559	377	9.92	413
	Thermal (Total)	**4944**	**2701**	**2081**	**53.87**	**2245**
	Total Hydro	62	0	10	0.24	10
	Total Haryana	**5006**	**2701**	**2091**	**54.11**	**2255**
Rajasthan	kota TPS (2*110+2*195+3*210)	1240	1017	1044	25.66	1069
	suratgarh TPS (6*250)	1500	759	962	20.30	846
	Chabra TPS (4*250)	1000	623	609	14.39	600
	Dholpur GPS (3*110)	330	101	101	2.56	107
	Ramgarh GPS (1*37.5 + 1*35.5 +2*37.5 +1*110 +1*50)	271	115	170	3.79	158
	RAPS A (NPC) (1*100+1*200)	300	0	0	0.00	0
	Barsingsar (NLC) (2*125)	250	177	178	4.10	171
	Giral LTPS (2*125)	250	0	0	0.00	0
	Rajwest LTPS (IPP) (8*135)	1080	776	683	18.77	782
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(2*600)	1200	973	856	23.63	985
	Kawai(Adani) (2*660)	1320	1174	867	25.80	1075
	Thermal (Total)	**8876**	**5715**	**5470**	**139**	**5792**
	Total Hydro	550	139	161	4.05	169
	Wind power	3214	232	360	6.04	251
	Biomass	99	22	22	0.52	22
	Solar	730	0	0	2.68	112
	Renewable/Others (Total)	4043	254	382	9.24	385
	Total Rajasthan	**13469**	**6108**	**6013**	**152.29**	**6346**
UP	Anpara TPS (3*210+2*500)	1630	1391	1391	33.10	1379
	Obra TPS (2*50+2*94+5*200)	1194	411	384	9.40	392
	Paricha TPS (2*110+2*220+2*250)	1140	939	922	21.40	892
	Panki TPS (2*105)	210	0	0	0.00	0
	Harduaganj TPS (1*60+1*105+2*250)	665	324	311	7.40	308
	Tanda TPS (NTPC) (4*110)	440	388	290	8.34	348
	Roza TPS (IPP) (4*300)	1200	378	378	10.80	450
	Anpara-C (IPP) (2*600)	1200	1082	977	23.59	983
	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**	**4913**	**4653**	**114**	**4751**
	Vishnuparyag HPS (IPP)(4*110)	440	58	67	1.66	69
	Alaknanada(4*82.5)	330	72	0	1.01	42
	Other Hydro	527	62	3	0.65	27
	Cogeneration	981	800	800	19.20	800
	Total UP	**13547**	**5905**	**5523**	**137**	**5689**
Uttarakhand	Total Hydro	1398	606	351	9.63	401
	Total Uttarakhand	**1398**	**606**	**351**	**9.63**	**401**
Delhi	Rajghat TPS (2*67.5)	135	0	0	0.01	0
	Delhi Gas Turbine (6x30 + 3x34)	282	40	39	0.92	38
	Pragati Gas Turbine (2x104+ 1x122)	330	142	141	4.68	195
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	251	251	6.03	251
	Badarpur TPS (NTPC) (3*95+2*210)	705	160	159	3.56	149
	Thermal (Total)	2917	593	590	15.20	633
	Total Delhi	**2917**	**593**	**590**	**15.20**	**633**
HP	Baspa HPS (IPP) (3*100)	300	87	0	0.97	40
	Malana HPS (IPP) (2*43)	86	0	0	0.18	8
	Other Hydro	878	115	52	2.28	95
	Total HP	**1264**	**202**	**52**	**3.43**	**143**
J & K	Baglihar HPS (IPP) (3*150)	450	143	140	3.41	142
	Other Hydro/IPP	560	94	66	1.84	77
	Gas/Diesel/Others	190	0	0	0.00	0
	Total J & K	**1200**	**237**	**206**	**5.24**	218
Total State Control Area Generation		**45161**	**18991**	**17178**	**440.16**	**18340**
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]			**5137.74**	**6338.39**	**152.72**	**6363**
Total Regional Availability(Gross)		**70398**	**41136**	**33218**	**864.99**	**36041**

IV. Total Hydro Generation:

Regional Entities Hydro	**12234**	**7641**	**966**	**68.99**	**2875**
State Control Area Hydro	**6581**	**1641**	**1080**	**32**	**1345**
Total Regional Hydro	**18815**	**9282**	**2046**	**101.28**	**4220**

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)	200	200	200	0	4.83	0.00	4.83
765 KV Gwalior-Agra (D/C)	2023	1779	2729	0	52.41	0.00	52.41
400 KV Zerda-Kankroli	-90	-268	39	275	0.00	2.42	-2.42
400 KV Zerda-Bhinmal	9	-100	193	122	0.77	0.00	0.77
220 KV Auraiya-Malanpur	-101	-91	0	103	0.00	2.00	-2.00
220 KV Badod-Kota/Morak	-27	-30	18	34	0.00	0.54	-0.54
Mundra-Mohindergarh(HVDC Bipole)	2503	2498	2516	0	60.44	0.00	60.44
400 KV Vindhyachal - Rihand	0	0	0	0	0.00	0.00	0.00
765 kV Phagi-Gwalior (D/C)	608	617	976	0	17.42	0.00	17.42
Sub Total WR	**5125**	**4605**			**135.86**	**4.96**	**130.90**
Pusauli Bypass/HVDC	400	400	400	0	8.92	0.00	8.92
400 KV MZP- GKP (D/C)	-600	-232	0	666	0.00	8.25	-8.25
400 KV Patna-Balia(D/C) X 2	499	565	691	0	11.74	0.00	11.74
400 KV B'Sharif-Balia (D/C)	-216	-83	142	234	0.00	1.69	-1.69
765 KV Gaya-Balia	256	172	327	0	2.28	0.00	2.28
765 KV Gaya-Fatehpur	-93	-2	276	93	2.28	0.00	2.28
220 KV Pusauli-Sahupuri	148	173	178	0	3.19	0.00	3.19
132 KV K'nasa-Sahupuri	0	0	0	0	0.48	0.00	0.48
132 KV Son Ngr-Rihand	-30	-25	0	30	0.00	0.56	-0.56
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	-383	-215	44	383	0.00	3.71	-3.71
400 KV Barh -GKP (D/C)	532	480	677	0	12.82	0.00	12.82
Sub Total ER	**513**	**1233**			**41.70**	**14.21**	**27.50**
+/- 800 KV BiswanathCharialli-Agra	-500	500	500	500	0.00	5.68	-5.68
Sub Total NER	**-500**	**500**			**0.00**	**5.68**	**-5.68**
Total IR Exch	**5138**	**6338**			**177.56**	**24.85**	**152.72**

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
30.56	0.20	30.77	-0.37	-4.61	0.97	18.31	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
36.30	123.62	159.92	21.82	130.90	152.72	-14.48	7.28	-7.20

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	-30	-29	0	32	0	1	-0.71

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	0.00	2.04	30.56	62.28	24.39	10.22	1.23	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)	
50.31	18.03	49.81	7.11	50.03	0.049	0.064	50.24	50.00	37.72

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	404	00:00	395	10:15	0.0	0.0	0.0	0.0	0.0
Gorakhpur	400	421	05:02	400	17:41	0.0	0.0	0.4	0.0	0.4
Bareilly(PG)400kV	400	423	05:02	402	10:20	0.0	0.0	5.6	0.0	5.6
Kanpur	400	420	05:03	404	09:34	0.0	0.0	0.0	0.0	0.0
Dadri	400	425	02:22	406	10:11	0.0	0.0	24.9	0.0	24.9
Ballabhgarh	400	432	05:02	410	09:34	0.0	0.0	46.2	3.6	46.2
Bawana	400	429	02:37	409	10:20	0.0	0.0	39.5	0.0	39.5
Bassi	400	425	05:02	398	06:54	0.0	0.0	5.5	0.0	5.5
Hissar	400	422	02:42	401	10:20	0.0	0.0	9.3	0.0	9.3
Moga	400	424	02:37	406	10:11	0.0	0.0	21.8	0.0	21.8
Abdullapur	400	428	01:18	101	16:57	27.9	27.9	35.6	0.0	63.6
Nalagarh	400	435	21:46	409	10:20	0.0	0.0	57.8	22.3	57.8
Kishenpur	400	425	01:24	334	17:29	0.2	0.2	25.9	0.0	26.1
Wagoora	400	402	01:41	365	18:20	33.6	71.9	0.0	0.0	33.6
Amritsar	400	430	02:00	406	10:22	0.0	0.0	40.0	0.0	40.0
Kashipur	400	423	05:01	412	09:16	0.0	0.0	18.7	0.0	18.7
Hamirpur	400	424	03:14	403	08:37	0.0	0.0	23.6	0.0	23.6
Rishikesh	400	423	05:02	394	09:34	0.0	0.0	1.4	0.0	1.4

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	777	21:31	744	10:09	0.0	0.0	0.0	0.0	0.0
Balia	765	781	05:02	742	17:54	0.0	0.0	0.0	0.0	0.0
Moga	765	805	21:23	770	08:36	0.0	0.0	5.1	0.0	5.1
Agra	765	797	21:30	753	09:34	0.0	0.0	0.0	0.0	0.0
Bhiwani	765	808	05:03	770	09:34	0.0	0.0	18.9	0.0	18.9
Unnao	765	778	05:02	748	09:34	0.0	0.0	0.0	0.0	0.0
Lucknow	765	795	05:03	758	10:09	0.0	0.0	0.0	0.0	0.0
Meerut	765	816	21:25	776	08:37	0.0	0.0	29.2	0.0	29.2
Jhatikara	765					0.0	0.0	0.0	0.0	0.0
Bareilly 765 kV	765	797	05:02	757	10:20	0.0	0.0	0.0	0.0	0.0
Anta	765	782	03:36	759	09:35	0.0	0.0	0.0	0.0	0.0
Phagi	765	793	05:00	749	09:35	0.0	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	495.68	926.03	492.17	808.03	165.82	439.65
Pong	426.72	384.05	405.63	361.16	401.25	244.95	48.22	422.29
Tehri	829.79	740.04	788.50	432.00	798.10	578.00	61.57	223.00
Koteshwar	612.50	598.50	611.29	5.20	610.28	4.69	223.00	202.63
Chamera-I	760.00	748.75	758.31	0.00	0.00	0.00	46.68	49.32
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	495.65	0.22	502.82	1.18	48.28	9.07

*** 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	-455	235	0	-910	205	0	-16.08	4.60	-11.49
Delhi	-946	-603	0	-546	54	0	-14.74	-4.30	-19.03
Haryana	-656	278	0	-651	232	0	-17.81	5.28	-12.53
HP	143	232	0	205	108	0	10.32	0.68	11.00
J&K	720	11	0	781	23	0	16.72	0.43	17.14
CHD	-31	0	0	0	10	0	-0.25	0.38	0.13
Rajasthan	-7	642	3	-7	353	3	8.22	13.11	21.33
UP	125	0	0	7	0	0	-2.72	0.00	-2.72
Uttarakhand	441	23	0	383	326	0	10.94	2.75	13.69
Total	**-666**	**818**	**3**	**-738**	**1311**	**3**	**-5.39**	**22.92**	**17.52**

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-455	-910	236	65	0	0
Delhi	-283	-976	133	-603	0	0
Haryana	-621	-897	281	69	0	0
HP	655	143	232	-592	0	0
J&K	781	570	108	-65	0	0
CHD	0	-31	49	0	0	0
Rajasthan	884	-7	646	32	3	3
UP	171	-384	0	0	0	0
Uttarakhand	642	383	344	5	0	0

XI. System Reliability Indices(Violation of TTC and ATC):

(i)%age of times N-1 Criteria was violated in the inter - regional corridors

WR	**2.08%**
ER	**0.00%**
Simultaneous	**0.00%**

(ii)%age of times ATC violated on the inter-regional corridors

WR	**5.90%**
ER	**0.00%**
Simultaneous	**0.00%**

XII.System Constraints:

XIII. Grid Disturbance / Any Other Significant Event:

XIV. Weather Conditions For 30.01.2016 :

Normal

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 : 30.01.2016

पारी प्रभारी अभियंता / SHIFT CHARGE ENGINEER