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 02.01.2016
Date of Reporting : 03.01.2016

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
38926	2115	41041	50.03	29112	305	29417	50.04	837.4	38.51

* 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	49.12	8.15		57.27	43.09	41.92	-1.17	99.20	0.00
Haryana	50.73	0.35		51.08	62.55	62.40	-0.15	113.48	0.00
Rajasthan	129.88	4.81	5.03	139.72	78.95	82.18	3.24	221.90	0.98
Delhi	13.85			13.85	45.33	44.88	-0.44	58.73	0.00
UP	132.97	4.80		137.77	100.94	99.15	-1.79	236.92	26.27
Uttarakhand		9.77		9.77	24.17	24.79	0.61	34.56	0.87
HP		3.85		3.85	21.74	21.35	-0.39	25.20	0.06
J & K		5.04	0.00	5.04	38.21	38.81	0.60	43.85	10.33
Chandigarh				0.00	3.64	3.52	0.27	3.52	0.00
Total	**376.55**	**36.77**	**5.03**	**418.35**	**418.61**	**419.00**	**0.79**	**837.35**	**38.51**

* 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	4713	0	-37	-486	2750	0	-203	82	5262
Haryana	6315	0	72	-256	3111	0	-112	-190	6315
Rajasthan	9889	0	-1	626	8554	0	-14	667	10149
Delhi	3000	0	-93	-49	1463	0	234	-1104	3444
UP	9777	1540	-80	104	9489	0	-128	102	10360
Uttarakhand	1801	75	33	570	1205	0	33	344	1879
HP	1254	3	-78	214	719	0	-18	337	1353
J&K	1987	497	-37	802	1729	305	33	727	2002
Chandigarh	191	0	-13	0	93	0	2	-30	199
Total	**38926**	**2115**	**-234**	**1525**	**29112**	**305**	**-174**	**935**	**38926**

* 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	1868	2036	1718	43.60	1817	42.72	0.88
	Rihand I STPS (2*500)	1000	878	937	749	19.69	820	19.19	0.50
	Rihand II STPS (2*500)	1000	962	867	867	21.40	892	20.69	0.71
	Rihand III STPS (2*500)	1000	974	925	840	21.62	901	21.31	0.31
	Dadri I STPS (4*210)	840	815	337	268	7.18	299	7.39	-0.22
	Dadri II STPS (2*490)	980	980	367	332	8.94	372	9.58	-0.64
	Unchahar I TPS (2*210)	420	406	317	303	7.69	320	7.99	-0.30
	Unchahar II TPS (2*210)	420	404	297	255	7.32	305	7.61	-0.29
	Unchahar III TPS (1*220)	210	202	143	133	3.58	149	3.81	-0.23
	ISTPP (Jhajjhar) (3*500)	1500	1500	616	619	13.96	582	14.19	-0.23
	Dadri GPS (4*130.19+2*154.51)	830	813	280	334	7.13	297	7.36	-0.24
	Anta GPS (3*88.71+1*153.2)	419	426	-1	-1	0.00	0	0.00	0.00
	Auraiya GPS (4*111.19+2*109.30)	663	661	199	258	5.34	223	5.45	-0.11
	Dadri Solar	5	1	0	0	0.02	1	0.02	0.00
	Unchahar Solar	10	1	0	0	0.01	0	0.01	0.00
	Singrauli Solar	15	2	0	0	0.04	2	0.04	-0.01
	KHEP	800	870	430	0	2.67	111	2.61	0.06
	Sub Total (A)	**12112**	**11761**	**7750**	**6675**	**170**	**7090**	**170**	**0**
B. NPC	NAPS (2*220)	440	403	446	448	9.80	408	9.67	0.13
	RAPS- B (2*220)	440	398	444	446	9.61	400	9.55	0.06
	RAPS- C (2*220)	440	410	456	454	9.89	412	9.84	0.04
	Sub Total (B)	**1320**	**1211**	**1346**	**1348**	**29.30**	**1221**	**29.06**	**0.23**
C. NHPC	Chamera I HPS (3*180)	540	540	555	0	1.86	78	1.62	0.24
	Chamera II HPS (3*100)	300	300	303	0	1.37	57	1.20	0.18
	Chamera III HPS (3*77)	231	154	157	0	0.75	31	0.65	0.10
	Bairasuil HPS(3*60)	180	179	179	0	0.53	22	0.54	-0.01
	Salal-HPS (6*115)	690	99	230	60	2.80	117	2.42	0.38
	Tanakpur-HPS (3*40)	94	18	28	20	0.56	23	0.43	0.13
	Uri-I HPS (4*120)	480	175	214	145	4.47	186	4.21	0.26
	Uri-II HPS (4*60)	240	105	113	83	2.65	110	2.53	0.13
	Dhauliganga-HPS (4*70)	280	210	208	0	0.91	38	0.80	0.10
	Dulhasti-HPS (3*130)	390	258	269	0	3.66	153	3.30	0.36
	Sewa-II HPS (3*40)	120	119	122	0	0.41	17	0.37	0.05
	Parbati 3 (4*130)	520	0	0	0	0.81	34	0.00	0.81
	Sub Total (C)	**4065**	**2157**	**2377**	**308**	**21**	**866**	**18**	**3**
D.SJVNL	NJPC (6*250)	1500	1605	1290	0	7.27	303	7.06	0.21
	Rampur HEP (6*68.67)	412	344	346	0	2.02	84	1.88	0.14
	Sub Total (D)	**1912**	**1949**	**1636**	**0**	**9.29**	**387**	**8.94**	**0.35**
E. THDC	Tehri HPS (4*250)	1000	976	957	0	8.42	351	8.20	0.22
	Koteshwar HPS (4*100)	400	125	303	90	3.07	128	3.01	0.06
	Sub Total (E)	**1400**	**1101**	**1260**	**90**	**11.49**	**479**	**11.21**	**0.28**
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	603	1096	373	14.75	614	14.46	0.28
	Dehar HPS (6*165)	990	130	495	0	3.22	134	3.12	0.10
	Pong HPS (6*66)	396	278	384	60	6.56	273	6.66	-0.10
	Sub Total (F)	**2765**	**1010**	**1975**	**433**	**24.52**	**1022**	**24.25**	**0.27**
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	109	0	0.49	20	0.47	0.02
	KARCHAM WANGTOO HPS(IPP) (4*250	1000	0	630	0	4.10	171	4.08	0.03
	Malana Stg-II HPS (2*50)	100	0	0	0	0.22	9	0.20	0.01
	Shree Cement TPS (2*150)	300	0	148	144	3.49	145	3.53	-0.04
	Budhil HPS(IPP) (2*35)	70	0	38	0	0.16	7	0.15	0.00
	Sub Total (G)	1662	0	925	144	8.45	352	8.43	0.02
H. Total Regional Entities (A-G)		**25237**	**19190**	**17268**	**8998**	**274.00**	**11417**	**269.92**	**4.08**

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	340	320	7.80	325
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	0	0	-0.02	-1
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	408	411	9.55	398
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	688	705	21.86	911
	Talwandi Saboo (2*660)	1320	379	358	9.94	414
	Thermal (Total)	**5360**	**1815**	**1794**	**49.12**	**2047**
	Total Hydro	1000	369	233	8.15	340
	Total Punjab	**6360**	**2184**	**2027**	**57.27**	**2386**
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00	0
	DCRTPP (Yamuna nagar) (2*300)	600	537	469	11.67	486
	Faridabad GPS (NTPC)	432	373	302	7.78	324
	RGTPP (khedar) (IPP) (2*600)	1200	408	390	9.86	411
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	1051	738	21.41	892
	Thermal (Total)	**4944**	**2369**	**1899**	**50.73**	**2114**
	Total Hydro	62	11	10	0.35	15
	Total Haryana	**5006**	**2380**	**1909**	**51.08**	**2128**
Rajasthan	kota TPS (2*110+2*195+3*210)	1240	714	754	18.14	756
	suratgarh TPS (6*250)	1500	589	665	15.55	648
	Chabra TPS (4*250)	1000	661	616	15.10	629
	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	212	214	5.24	218
	RAPS A (NPC) (1*100+1*200)	300	165	165	4.07	170
	Barsingsar (NLC) (2*125)	250	164	163	3.79	158
	Giral LTPS (2*125)	250	0	0	0.00	0
	Rajwest LTPS (IPP) (8*135)	1080	629	601	14.67	611
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(2*600)	1200	1166	890	24.52	1022
	Kawai(Adani) (2*660)	1320	1202	1200	28.81	1201
	Thermal (Total)	**8876**	**5502**	**5268**	**130**	**5412**
	Total Hydro	550	250	250	4.81	200
	Wind power	3214	119	221	2.50	104
	Biomass	99	21	21	0.49	21
	Solar	730	0	0	2.04	85
	Renewable/Others (Total)	4043	140	242	5.03	210
	Total Rajasthan	**13469**	**5892**	**5760**	**139.72**	**5822**
UP	Anpara TPS (3*210+2*500)	1630	1380	1368	32.90	1371
	Obra TPS (2*50+2*94+5*200)	1194	493	494	11.60	483
	Paricha TPS (2*110+2*220+2*250)	1140	734	844	21.10	879
	Panki TPS (2*105)	210	0	0	0.00	0
	Harduaganj TPS (1*60+1*105+2*250)	665	320	417	9.70	404
	Tanda TPS (NTPC) (4*110)	440	280	276	8.27	345
	Roza TPS (IPP) (4*300)	1200	383	388	11.40	475
	Anpara-C (IPP) (2*600)	1200	643	806	18.80	783
	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(1*660)	660	0	0	0.00	0
	Bara(1*660)	660	0	0	0.00	0
	Thermal (Total)	**9949**	**4233**	**4593**	**114**	**4741**
	Vishnuparyag HPS (IPP)(4*110)	440	78	78	1.90	79
	Alaknanada(4*82.5)	330	55	53	1.10	46
	Other Hydro	527	51	99	1.80	75
	Cogeneration	981	800	800	19.20	800
	Total UP	**12227**	**5217**	**5623**	**138**	**5741**
Uttarakhand	Total Hydro	1398	626	350	9.77	407
	Total Uttarakhand	**1398**	**626**	**350**	**9.77**	**407**
Delhi	Rajghat TPS (2*67.5)	135	0	0	-0.02	-1
	Delhi Gas Turbine (6x30 + 3x34)	282	31	31	0.85	35
	Pragati Gas Turbine (2x104+ 1x122)	330	140	140	3.37	141
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	251	251	6.07	253
	Badarpur TPS (NTPC) (3*95+2*210)	705	166	163	3.58	149
	Thermal (Total)	2917	588	585	13.85	577
	Total Delhi	**2917**	**588**	**585**	**13.85**	**577**
HP	Baspa HPS (IPP) (3*100)	300	59	0	1.19	50
	Malana HPS (IPP) (2*43)	86	30	0	0.24	10
	Other Hydro	878	94	68	2.43	101
	Total HP	**1264**	**183**	**68**	**3.85**	**161**
J & K	Baglihar HPS (IPP) (3*150)	450	143	143	3.43	143
	Other Hydro/IPP	560	87	45	1.61	67
	Gas/Diesel/Others	190	0	0	0.00	0
	Total J & K	**1200**	**230**	**188**	**5.04**	210
Total State Control Area Generation		**43841**	**17300**	**16510**	**418.35**	**17431**
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]			**6472**	**5717**	**163.83**	**6826**
Total Regional Availability(Gross)		**69078**	**41040**	**31225**	**856.18**	**35674**

IV. Total Hydro Generation:

Regional Entities Hydro	**12234**	**8417**	**831**	**73.56**	**3065**
State Control Area Hydro	**6581**	**1853**	**1329**	**37**	**1532**
Total Regional Hydro	**18815**	**10270**	**2160**	**110.33**	**4597**

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)	-50	150	300	150	1.82	1.60	0.22
765 KV Gwalior-Agra (D/C)	2795	2097	3246	0	62.58	0.00	62.58
400 KV Zerda-Kankroli	20	-255	79	260	0.00	1.40	-1.40
400 KV Zerda-Bhinmal	16	-194	181	205	0.21	0.00	0.21
220 KV Auraiya-Malanpur	-63	-88	0	101	0.00	1.70	-1.70
220 KV Badod-Kota/Morak	54	-36	54	36	0.58	0.00	0.58
Mundra-Mohindergarh(HVDC Bipole)	2497	2504	2507	0	60.45	0.00	60.45
400 KV Vindhyachal - Rihand	0	0	0	0	0.00	0.00	0.00
765 kV Phagi-Gwalior (D/C)	887	643	1178	0	22.39	0.00	22.39
Sub Total WR	**6156**	**4821**			**148.03**	**4.70**	**143.33**
Pusauli Bypass/HVDC	400	400	400	0	8.96	0.00	8.96
400 KV MZP- GKP (D/C)	-276	24	32	336	0.00	2.48	-2.48
400 KV Patna-Balia(D/C) X 2	350	399	571	0	10.59	0.00	10.59
400 KV B'Sharif-Balia (D/C)	-152	6	85	173	0.00	0.50	-0.50
765 KV Gaya-Balia	76	155	295	0	1.93	0.00	1.93
765 KV Gaya-Fatehpur	108	85	336	0	4.29	0.00	4.29
220 KV Pusauli-Sahupuri	112	72	145	0	2.59	0.00	2.59
132 KV K'nasa-Sahupuri	0	0	0	0	0.00	0.00	0.00
132 KV Son Ngr-Rihand	-24	-24	0	30	0.00	0.54	-0.54
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	-138	-85	90	142	0.00	1.03	-1.03
400 KV Barh -GKP (D/C)	360	364	472	0	8.73	0.00	8.73
Sub Total ER	**816**	**1396**			**37.07**	**4.55**	**32.52**
+/- 800 KV BiswanathCharialli-Agra	-500	-500	0	500	0.00	12.01	-12.01
Sub Total NER	**-500**	**-500**			**0.00**	**12.01**	**-12.01**
Total IR Exch	**6472**	**5717**			**185.10**	**21.26**	**163.83**

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
32.69	0.31	33.00	2.95	-4.78	6.65	30.47	0.00	0.00

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
42.59	127.72	170.31	20.50	143.33	163.83	-22.09	15.61	-6.48

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	-34	0	35	0	1	-0.76

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	0.96	13.26	61.69	70.90	11.48	4.20	0.22	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)	
50.25	6.03	49.76	16.41	49.98	0.057	0.072	50.10	49.87	29.10

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	406	05:02	399	11:21	0.0	0.0	0.0	0.0	0.0
Gorakhpur	400	426	05:37	404	22:54	0.0	0.0	12.5	0.0	12.5
Bareilly(PG)400kV	400	421	04:31	399	14:40	0.0	0.0	0.4	0.0	0.4
Kanpur	400	411	05:02	401	11:20	0.0	0.0	0.0	0.0	0.0
Dadri	400	426	04:00	401	11:19	0.0	0.0	27.9	0.0	27.9
Ballabhgarh	400	431	04:04	404	11:21	0.0	0.0	37.7	0.3	37.7
Bawana	400	428	04:01	404	11:19	0.0	0.0	34.2	0.0	34.2
Bassi	400	425	20:37	391	08:55	0.0	0.0	6.7	0.0	6.7
Hissar	400	422	21:42	396	11:18	0.0	0.0	0.9	0.0	0.9
Moga	400	421	21:45	398	11:20	0.0	0.0	0.5	0.0	0.5
Abdullapur	400	424	20:56	403	11:18	0.0	0.0	16.6	0.0	16.6
Nalagarh	400	434	01:43	406	11:21	0.0	0.0	45.1	20.8	45.1
Kishenpur	400	429	00:46	393	11:22	0.0	0.0	9.8	0.0	9.8
Wagoora	400	406	00:45	366	11:22	68.5	81.5	0.0	0.0	68.5
Amritsar	400	430	00:45	404	11:24	0.0	0.0	41.3	0.0	41.3
Kashipur	400	422	04:04	412	11:19	0.0	0.0	5.7	0.0	5.7
Hamirpur	400	425	21:50	403	14:13	0.0	0.0	29.2	0.0	29.2
Rishikesh	400	422	05:02	397	14:35	0.0	0.0	0.8	0.0	0.8

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	770	05:02	736	22:09	0.0	3.9	0.0	0.0	0.0
Balia	765	778	05:02	740	22:09	0.0	0.6	0.0	0.0	0.0
Moga	765	804	21:43	758	11:21	0.0	0.0	1.4	0.0	1.4
Agra	765	790	21:43	745	11:21	0.0	0.0	0.0	0.0	0.0
Bhiwani	765	804	21:39	761	11:36	0.0	0.0	1.8	0.0	1.8
Unnao	765	774	05:03	738	11:19	0.0	2.7	0.0	0.0	0.0
Lucknow	765	793	05:02	753	11:20	0.0	0.0	0.0	0.0	0.0
Meerut	765	808	21:42	761	11:19	0.0	0.0	4.3	0.0	4.3
Jhatikara	765	808	21:42	762	11:21	0.0	0.0	23.6	0.0	23.6
Bareilly 765 kV	765	793	05:02	408	15:31	0.0	0.1	0.0	0.0	0.0
Anta	765	785	21:45	756	08:56	0.0	0.0	0.0	0.0	0.0
Phagi	765	793	21:44	743	09:34	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	500.62	1114.30	497.25	983.40	153.85	437.27
Pong	426.72	384.05	410.86	524.54	405.05	344.07	75.07	428.80
Tehri	829.79	740.04	801.65	639.75	809.25	782.78	74.43	219.00
Koteshwar	612.50	598.50	611.41	5.20	610.27	4.70	219.00	202.13
Chamera-I	760.00	748.75	0.00	0.00	0.00	0.00	49.93	49.93
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	497.88	2.09	506.57	2.26	39.43	40.83

*** 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	-279	361	0	-730	244	0	-12.73	7.52	-5.21
Delhi	-1089	-15	0	-541	492	0	-15.11	7.21	-7.89
Haryana	-409	220	0	-465	209	0	-11.60	4.53	-7.07
HP	141	196	0	204	10	0	10.15	-1.11	9.04
J&K	727	0	0	666	136	0	15.97	0.31	16.28
CHD	-30	0	0	0	0	0	-0.24	-0.04	-0.28
Rajasthan	-7	672	2	-7	631	2	9.08	15.59	24.67
UP	102	0	0	104	0	0	-2.62	0.00	-2.62
Uttarakhand	194	150	0	225	346	0	4.77	5.78	10.56
Total	**-652**	**1585**	**2**	**-545**	**2068**	**2**	**-2.34**	**39.81**	**37.47**

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-279	-789	361	234	0	0
Delhi	-278	-1119	779	-75	0	0
Haryana	-409	-667	233	-286	0	0
HP	638	141	215	-801	0	0
J&K	740	575	172	-101	0	0
CHD	0	-30	49	-66	0	0
Rajasthan	893	-7	947	-4	2	2
UP	141	-343	0	0	0	0
Uttarakhand	225	194	417	73	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 02.01.2016 :
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 : 02.01.2016 **पारी प्रभारी अभियंता / SHIFT CHARGE ENGINEER**