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 25.01.2016
Date of Reporting : 26.01.2016

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
39932	1669	41601	50.07	30179	261	30441	50.10	866.3	42.99

* 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	62.65	6.24		68.89	34.72	34.68	-0.03	103.58	0.00
Haryana	58.06	0.30		58.36	63.30	61.48	-1.82	119.84	0.00
Rajasthan	141.88	4.40	6.79	153.07	70.76	71.86	1.10	224.93	0.00
Delhi	13.56			13.56	54.42	54.09	-0.33	67.65	0.07
UP	135.24	4.19		139.42	99.97	100.99	1.02	240.41	32.79
Uttarakhand		10.27		10.27	26.83	26.58	-0.25	36.85	0.00
HP		3.27		3.27	20.68	22.82	2.14	26.08	0.02
J & K		5.27	0.00	5.27	37.81	37.55	-0.26	42.82	10.12
Chandigarh				0.00	4.09	4.16	0.27	4.16	0.00
Total	**411.39**	**33.93**	**6.79**	**452.11**	**412.58**	**414.20**	**1.82**	**866.31**	**42.99**

* 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	4746	0	106	-684	3018	0	-81	-187	5562
Haryana	6624	0	-190	-470	3624	0	-159	-394	6624
Rajasthan	9635	0	-187	604	8565	0	137	645	10283
Delhi	3236	0	-242	-439	1548	0	-2	-1362	4033
UP	10440	1180	-209	-3	9831	0	64	109	10753
Uttarakhand	1883	0	-15	799	1220	0	-55	490	1981
HP	1244	14	70	195	793	0	136	308	1416
J&K	1900	475	-80	853	1482	261	-158	730	2002
Chandigarh	224	0	-5	24	99	0	7	-21	236
Total	**39932**	**1669**	**-753**	**880**	**30179**	**261**	**-111**	**318**	**40555**

* 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	1870	2038	1512	39.99	1666	42.82	-2.83
	Rihand I STPS (2*500)	1000	835	880	730	18.51	771	18.50	0.00
	Rihand II STPS (2*500)	1000	957	1000	731	20.95	873	20.61	0.34
	Rihand III STPS (2*500)	1000	974	969	715	20.80	867	20.82	-0.01
	Dadri I STPS (4*210)	840	815	563	567	14.56	607	14.84	-0.28
	Dadri II STPS (2*490)	980	980	701	661	17.61	734	18.33	-0.73
	Unchahar I TPS (2*210)	420	406	327	287	7.41	309	7.66	-0.25
	Unchahar II TPS (2*210)	420	404	322	281	7.16	299	7.33	-0.17
	Unchahar III TPS (1*220)	210	202	165	140	3.60	150	3.70	-0.09
	ISTPP (Jhajjhar) (3*500)	1500	1475	932	932	19.94	831	20.17	-0.23
	Dadri GPS (4*130.19+2*154.51)	830	814	369	235	7.20	300	7.63	-0.43
	Anta GPS (3*88.71+1*153.2)	419	415	0	0	0.00	0	0.00	0.00
	Auraiya GPS (4*111.19+2*109.30)	663	654	137	0	1.34	56	1.38	-0.05
	Dadri Solar	5	1	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	3	0	0	0.07	3	0.06	0.00
	KHEP	800	655	435	0	2.03	85	1.97	0.07
	Sub Total (A)	**12112**	**11460**	**8838**	**6791**	**181**	**7550**	**186**	**-5**
B. NPC	NAPS (2*220)	440	414	457	458	10.02	418	9.94	0.09
	RAPS- B (2*220)	440	389	423	425	9.15	381	9.34	-0.18
	RAPS- C (2*220)	440	420	455	458	9.93	414	10.08	-0.15
	Sub Total (B)	**1320**	**1223**	**1335**	**1341**	**29.10**	**1213**	**29.35**	**-0.25**
C. NHPC	Chamera I HPS (3*180)	540	360	376	0	1.45	61	1.25	0.20
	Chamera II HPS (3*100)	300	200	202	0	1.05	44	0.95	0.10
	Chamera III HPS (3*77)	231	155	103	0	0.54	23	0.46	0.08
	Bairasuil HPS(3*60)	180	124	123	0	0.39	16	0.38	0.01
	Salal-HPS (6*115)	690	103	230	90	2.90	121	2.48	0.42
	Tanakpur-HPS (3*40)	94	16	31	15	0.47	19	0.39	0.08
	Uri-I HPS (4*120)	480	148	142	125	3.90	162	3.55	0.34
	Uri-II HPS (4*60)	240	90	116	154	2.28	95	2.17	0.12
	Dhauliganga-HPS (4*70)	280	133	216	0	0.80	33	0.69	0.11
	Dulhasti-HPS (3*130)	390	258	269	0	2.65	111	2.50	0.15
	Sewa-II HPS (3*40)	120	119	117	0	0.30	12	0.33	-0.03
	Parbati 3 (4*130)	520	0	0	0	0.00	0	0.00	0.00
	Sub Total (C)	**4065**	**1707**	**1925**	**385**	**17**	**697**	**15**	**2**
D.SJVNL	NJPC (6*250)	1500	1605	1607	0	6.16	257	6.00	0.16
	Rampur HEP (6*68.67)	412	372	448	0	1.68	70	1.59	0.08
	Sub Total (D)	**1912**	**1977**	**2055**	**0**	**7.84**	**327**	**7.59**	**0.25**
E. THDC	Tehri HPS (4*250)	1000	876	872	0	7.85	327	7.70	0.15
	Koteshwar HPS (4*100)	400	128	402	90	3.15	131	3.08	0.07
	Sub Total (E)	**1400**	**1004**	**1274**	**90**	**11.00**	**458**	**10.78**	**0.22**
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	563	1009	364	13.62	567	13.52	0.10
	Dehar HPS (6*165)	990	108	495	0	2.59	108	2.60	-0.01
	Pong HPS (6*66)	396	298	384	60	7.04	293	7.15	-0.11
	Sub Total (F)	**2765**	**969**	**1888**	**424**	**23.24**	**968**	**23.27**	**-0.02**
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	0	0	0.35	14	0.33	0.01
	KARCHAM WANGTOO HPS(IPP) (4*250	1000	0	585	0	3.36	140	3.36	0.00
	Malana Stg-II HPS (2*50)	100	0	0	0	0.18	7	0.17	0.01
	Shree Cement TPS (2*150)	300	0	298	194	6.44	268	6.50	-0.06
	Budhil HPS(IPP) (2*35)	70	0	35	0	0.14	6	0.14	0.00
	Sub Total (G)	1662	0	918	194	10.47	436	10.50	-0.03
H. Total Regional Entities (A-G)		**25237**	**18340**	**18232**	**9225**	**279.59**	**11649**	**282.48**	**-2.90**

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	420	320	7.50	312
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	112	100	2.27	95
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	468	385	8.84	368
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	1068	700	24.81	1034
	Talwandi Saboo (2*660)	1320	685	661	19.23	801
	Thermal (Total)	**5360**	**2753**	**2166**	**62.65**	**2610**
	Total Hydro	1000	258	112	6.24	260
	Total Punjab	**6360**	**3011**	**2278**	**68.89**	**2870**
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	241	221	5.29	221
	DCRTPP (Yamuna nagar) (2*300)	600	556	456	11.82	492
	Faridabad GPS (NTPC)	432	0	0	0.00	0
	RGTPP (khedar) (IPP) (2*600)	1200	1147	783	21.46	894
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	965	737	19.49	812
	Thermal (Total)	**4944**	**2909**	**2197**	**58.06**	**2419**
	Total Hydro	62	6	10	0.30	12
	Total Haryana	**5006**	**2915**	**2207**	**58.36**	**2432**
Rajasthan	kota TPS (2*110+2*195+3*210)	1240	1051	1028	25.76	1073
	suratgarh TPS (6*250)	1500	965	971	23.82	992
	Chabra TPS (4*250)	1000	579	646	14.64	610
	Dholpur GPS (3*110)	330	99	104	2.91	121
	Ramgarh GPS (1*37.5 + 1*35.5 +2*37.5 +1*110 +1*50)	271	108	198	3.77	157
	RAPS A (NPC) (1*100+1*200)	300	0	0	0.00	0
	Barsingsar (NLC) (2*125)	250	92	92	2.10	88
	Giral LTPS (2*125)	250	42	42	0.77	32
	Rajwest LTPS (IPP) (8*135)	1080	720	814	17.45	727
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(2*600)	1200	1122	852	24.28	1012
	Kawai(Adani) (2*660)	1320	1182	867	26.39	1100
	Thermal (Total)	**8876**	**5960**	**5614**	**142**	**5912**
	Total Hydro	550	203	180	4.40	183
	Wind power	3214	97	183	3.39	141
	Biomass	99	21	21	0.50	21
	Solar	730	0	0	2.89	121
	Renewable/Others (Total)	4043	118	204	6.79	283
	Total Rajasthan	**13469**	**6281**	**5998**	**153.07**	**6378**
UP	Anpara TPS (3*210+2*500)	1630	1397	1371	33.14	1381
	Obra TPS (2*50+2*94+5*200)	1194	462	433	11.04	460
	Paricha TPS (2*110+2*220+2*250)	1140	666	837	20.90	871
	Panki TPS (2*105)	210	0	0	0.00	0
	Harduaganj TPS (1*60+1*105+2*250)	665	543	433	12.08	503
	Tanda TPS (NTPC) (4*110)	440	276	400	8.73	364
	Roza TPS (IPP) (4*300)	1200	383	554	12.15	506
	Anpara-C (IPP) (2*600)	1200	1081	527	18.00	750
	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**	**4808**	**4555**	**116**	**4835**
	Vishnuparyag HPS (IPP)(4*110)	440	67	69	1.60	67
	Alaknanada(4*82.5)	330	72	0	0.98	41
	Other Hydro	527	12	131	1.60	67
	Cogeneration	981	800	800	19.20	800
	Total UP	**13547**	**5759**	**5555**	**139**	**5809**
Uttarakhand	Total Hydro	1398	633	345	10.27	428
	Total Uttarakhand	**1398**	**633**	**345**	**10.27**	**428**
Delhi	Rajghat TPS (2*67.5)	135	0	0	-0.02	-1
	Delhi Gas Turbine (6x30 + 3x34)	282	40	39	0.88	37
	Pragati Gas Turbine (2x104+ 1x122)	330	142	140	3.37	140
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	254	251	6.01	250
	Badarpur TPS (NTPC) (3*95+2*210)	705	167	161	3.33	139
	Thermal (Total)	2917	603	591	13.56	565
	Total Delhi	**2917**	**603**	**591**	**13.56**	**565**
HP	Baspa HPS (IPP) (3*100)	300	0	0	0.89	37
	Malana HPS (IPP) (2*43)	86	0	0	0.20	8
	Other Hydro	878	125	54	2.17	91
	Total HP	**1264**	**125**	**54**	**3.27**	**136**
J & K	Baglihar HPS (IPP) (3*150)	450	143	143	3.43	143
	Other Hydro/IPP	560	94	66	1.84	77
	Gas/Diesel/Others	190	0	0	0.00	0
	Total J & K	**1200**	**237**	**209**	**5.27**	219
Total State Control Area Generation		**45161**	**19564**	**17237**	**452.11**	**18838**
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]			**5306**	**5125**	**157.70**	**6571**
Total Regional Availability(Gross)		**70398**	**43102**	**31587**	**889.39**	**37058**

IV. Total Hydro Generation:

Regional Entities Hydro	**12234**	**8161**	**899**	**64.73**	**2697**
State Control Area Hydro	**6581**	**1613**	**1110**	**34**	**1414**
Total Regional Hydro	**18815**	**9774**	**2009**	**98.66**	**4111**

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	-500	100	500	0.27	9.28	-9.01
765 KV Gwalior-Agra (D/C)	2484	2146	3327	0	65.80	0.00	65.80
400 KV Zerda-Kankroli	-48	-162	73	191	0.00	1.25	-1.25
400 KV Zerda-Bhinmal	70	-56	205	119	1.46	0.00	1.46
220 KV Auraiya-Malanpur	-57	-10	0	57	0.00	0.33	-0.33
220 KV Badod-Kota/Morak	22	-9	67	13	0.68	0.00	0.68
Mundra-Mohindergarh(HVDC Bipole)	2503	2202	2505	0	58.38	0.00	58.38
400 KV Vindhyachal - Rihand	0	0	0	0	0.00	0.00	0.00
765 kV Phagi-Gwalior (D/C)	709	727	1102	0	21.40	0.00	21.40
Sub Total WR	**5483**	**4338**			**148.00**	**10.86**	**137.14**
Pusauli Bypass/HVDC	400	400	400	0	9.06	0.00	9.06
400 KV MZP- GKP (D/C)	-430	-409	0	647	0.00	8.32	-8.32
400 KV Patna-Balia(D/C) X 2	196	348	430	0	7.94	0.00	7.94
400 KV B'Sharif-Balia (D/C)	-225	-278	0	305	0.00	4.18	-4.18
765 KV Gaya-Balia	187	150	195	0	1.84	0.00	1.84
765 KV Gaya-Fatehpur	37	-16	334	92	3.26	0.00	3.26
220 KV Pusauli-Sahupuri	81	120	182	0	2.72	0.00	2.72
132 KV K'nasa-Sahupuri	0	0	0	0	0.96	0.00	0.96
132 KV Son Ngr-Rihand	-16	-24	0	28	0.00	0.53	-0.53
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	-257	-300	68	375	0.00	3.49	-3.49
400 KV Barh -GKP (D/C)	350	446	476	0	9.81	0.00	9.81
Sub Total ER	**323**	**437**			**35.59**	**16.53**	**19.07**
+/- 800 KV BiswanathCharialli-Agra	-500	350	500	500	1.49	0.00	1.49
Sub Total NER	**-500**	**350**			**1.49**	**0.00**	**1.49**
Total IR Exch	**5306**	**5125**			**185.08**	**27.38**	**157.70**

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
30.82	0.17	31.00	-0.30	-2.12	2.19	17.73	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
37.81	122.36	160.17	20.56	137.14	157.70	-17.25	14.78	-2.47

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	-27	-33	0	34	0	1	-0.72

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	0.10	7.03	47.67	70.02	17.69	5.00	0.35	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)	
50.24	13.06	49.79	20.35	50.00	0.043	0.066	50.16	49.88	29.98

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	407	05:07	397	14:51	0.0	0.0	0.0	0.0	0.0
Gorakhpur	400	420	05:04	396	17:37	0.0	0.0	0.0	0.0	0.0
Bareilly(PG)400kV	400	424	05:04	400	12:39	0.0	0.0	1.3	0.0	1.3
Kanpur	400	423	05:00	402	09:50	0.0	0.0	3.4	0.0	3.4
Dadri	400	427	02:59	404	11:11	0.1	0.1	20.0	0.0	20.0
Ballabhgarh	400	434	05:02	407	10:37	0.0	0.0	39.5	10.8	39.5
Bawana	400	429	02:56	407	11:07	0.0	0.0	30.7	0.0	30.7
Bassi	400	426	05:01	394	16:22	0.0	0.0	6.4	0.0	6.4
Hissar	400	421	03:01	399	11:07	0.0	0.0	0.0	0.0	0.0
Moga	400	423	02:59	404	11:09	0.0	0.0	14.5	0.0	14.5
Abdullapur	400	424	03:02	396	11:54	0.0	0.0	13.6	0.0	13.6
Nalagarh	400	435	02:59	411	10:21	0.0	0.0	52.3	16.4	52.3
Kishenpur	400	427	21:19	397	11:05	0.0	0.0	7.9	0.0	7.9
Wagoora	400	413	20:05	368	18:23	39.6	77.8	0.0	0.0	39.6
Amritsar	400	430	03:01	411	11:09	0.0	0.0	41.0	0.0	41.0
Kashipur	400	423	05:00	412	09:20	0.0	0.0	14.3	0.0	14.3
Hamirpur	400	424	03:42	409	12:53	0.0	0.0	21.9	0.0	21.9
Rishikesh	400	426	05:03	394	09:50	0.0	0.0	14.6	0.0	14.6

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	779	21:46	735	16:22	0.0	3.0	0.0	0.0	0.0
Balia	765	764	21:55	738	16:22	0.0	13.9	0.0	0.0	0.0
Moga	765	805	21:47	764	11:07	0.0	0.0	2.4	0.0	2.4
Agra	765	797	05:03	750	16:22	0.0	0.0	0.0	0.0	0.0
Bhiwani	765	805	02:57	766	10:21	0.0	0.0	13.8	0.0	13.8
Unnao	765	772	05:03	750	00:07	0.0	0.0	0.0	0.0	0.0
Lucknow	765	790	05:03	751	12:40	0.0	0.0	0.0	0.0	0.0
Meerut	765	813	05:02	769	11:38	0.0	0.0	25.0	0.0	25.0
Jhatikara	765	815	03:00	768	10:20	0.0	0.0	22.3	0.0	22.3
Bareilly 765 kV	765	795	05:03	753	12:39	0.0	0.0	0.0	0.0	0.0
Anta	765	781	02:24	756	09:47	0.0	0.0	0.0	0.0	0.0
Phagi	765	793	04:03	748	16:21	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	496.61	960.37	493.28	838.00	126.09	427.33
Pong	426.72	384.05	406.61	388.64	402.04	266.33	47.12	481.50
Tehri	829.79	740.04	790.90	466.00	800.05	609.00	72.74	215.00
Koteshwar	612.50	598.50	611.14	5.20	608.76	3.98	215.00	207.40
Chamera-I	760.00	748.75	758.49	0.00	0.00	0.00	45.16	39.00
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	495.94	0.25	502.97	1.50	36.99	46.04

*** 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	-404	217	0	-859	176	0	-15.06	4.05	-11.01
Delhi	-946	-413	-3	-546	110	-3	-14.66	-0.43	-15.09
Haryana	-595	201	0	-651	181	0	-17.99	3.78	-14.20
HP	163	144	0	225	-30	0	10.62	-2.00	8.62
J&K	720	11	0	781	72	0	16.76	0.69	17.46
CHD	-31	10	0	0	24	0	-0.25	0.71	0.47
Rajasthan	-7	650	3	-7	609	3	8.22	14.05	22.27
UP	109	0	0	-3	0	0	-3.14	0.00	-3.14
Uttarakhand	431	59	0	431	368	0	12.26	2.46	14.71
Total	**-560**	**878**	**0**	**-629**	**1509**	**0**	**-3.23**	**23.33**	**20.10**

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-404	-859	217	-51	0	0
Delhi	-283	-976	412	-451	-3	-3
Haryana	-595	-1060	204	-265	0	0
HP	655	163	193	-794	0	0
J&K	781	570	121	-116	0	0
CHD	0	-31	78	0	0	0
Rajasthan	884	-7	650	328	3	3
UP	160	-389	0	0	0	0
Uttarakhand	651	431	368	6	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	**7.99%**
ER	**0.00%**
Simultaneous	**0.00%**

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

WR	**36.81%**
ER	**0.00%**
Simultaneous	**0.69%**

XII.System Constraints:

XIII. Grid Disturbance / Any Other Significant Event:

XIV. Weather Conditions For 25.01.2016 :

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 : 25.01.2016

पारी प्रभारी अभियंता / SHIFT CHARGE ENGINEER