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 18.01.2016
Date of Reporting : 19.01.2016

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
41293	2104	43397	50.07	29289	394	29683	50.12	842.9	53.11

* 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	59.06	7.62		66.67	36.56	36.60	0.04	103.27	0.00
Haryana	54.88	0.32		55.19	59.07	57.51	-1.57	112.70	0.07
Rajasthan	139.90	4.73	10.61	155.25	61.21	62.15	0.94	217.40	5.07
Delhi	13.85			13.85	50.21	49.61	-0.59	63.47	0.09
UP	141.10	5.18		146.28	89.14	89.06	-0.08	235.34	36.43
Uttarakhand		9.86		9.86	25.42	26.54	1.12	36.40	0.60
HP		3.60		3.60	20.64	22.35	1.71	25.95	0.28
J & K		5.46	0.00	5.46	37.97	39.47	1.50	44.93	10.58
Chandigarh				0.00	3.67	3.49	0.27	3.49	0.00
Total	**408.79**	**36.77**	**10.61**	**456.17**	**383.90**	**386.77**	**3.33**	**842.94**	**53.11**

* 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	5058	0	-52	-886	2872	0	-96	-387	5543
Haryana	6597	107	37	-604	3012	0	32	-813	6597
Rajasthan	10214	0	-4	164	8468	0	-65	610	10214
Delhi	3172	0	-164	-689	1601	0	42	-1530	3591
UP	10912	1400	-289	22	9578	85	-75	103	10912
Uttarakhand	1823	75	-64	460	1171	0	-52	385	1929
HP	1300	14	-82	92	744	0	40	324	1394
J&K	2033	508	28	855	1750	309	-5	707	2033
Chandigarh	184	0	-12	0	94	0	7	-21	205
Total	**41293**	**2104**	**-602**	**-585**	**29289**	**394**	**-172**	**-621**	**41293**

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

Diversity is 1.03

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	1986	1839	43.21	1800	42.68	0.53
	Rihand I STPS (2*500)	1000	793	807	701	17.10	713	16.80	0.31
	Rihand II STPS (2*500)	1000	956	1004	817	20.91	871	20.74	0.16
	Rihand III STPS (2*500)	1000	974	1017	862	21.17	882	21.19	-0.02
	Dadri I STPS (4*210)	840	815	748	589	15.07	628	15.41	-0.35
	Dadri II STPS (2*490)	980	980	895	697	18.51	771	19.08	-0.57
	Unchahar I TPS (2*210)	420	406	424	289	8.13	339	8.44	-0.31
	Unchahar II TPS (2*210)	420	404	410	285	7.82	326	7.97	-0.15
	Unchahar III TPS (1*220)	210	202	211	143	3.92	163	4.00	-0.09
	ISTPP (Jhajjhar) (3*500)	1500	1450	1262	951	22.10	921	22.23	-0.13
	Dadri GPS (4*130.19+2*154.51)	830	813	253	248	5.94	247	6.11	-0.17
	Anta GPS (3*88.71+1*153.2)	419	415	260	254	6.08	254	6.16	-0.08
	Auraiya GPS (4*111.19+2*109.30)	663	652	233	235	5.39	225	5.50	-0.11
	Dadri Solar	5	1	0	0	0.01	1	0.01	0.00
	Unchahar Solar	10	0	0	0	0.01	0	0.01	0.00
	Singrauli Solar	15	1	0	0	0.01	0	0.03	-0.02
	KHEP	800	870	0	0	2.77	115	2.61	0.16
	Sub Total (A)	**12112**	**11601**	**9510**	**7910**	**198**	**8256**	**199**	**-1**
B. NPC	NAPS (2*220)	440	413	453	455	9.87	411	9.91	-0.04
	RAPS- B (2*220)	440	405	447	451	9.73	405	9.72	0.01
	RAPS- C (2*220)	440	420	456	458	9.94	414	10.08	-0.14
	Sub Total (B)	**1320**	**1238**	**1356**	**1364**	**29.54**	**1231**	**29.71**	**-0.17**
C. NHPC	Chamera I HPS (3*180)	540	360	377	0	1.34	56	1.11	0.23
	Chamera II HPS (3*100)	300	300	302	0	1.20	50	1.05	0.15
	Chamera III HPS (3*77)	231	229	157	0	0.65	27	0.60	0.05
	Bairasuil HPS(3*60)	180	124	125	0	0.48	20	0.45	0.03
	Salal-HPS (6*115)	690	106	230	95	2.91	121	2.54	0.37
	Tanakpur-HPS (3*40)	94	17	16	15	0.47	20	0.40	0.07
	Uri-I HPS (4*120)	480	179	255	210	4.48	187	4.32	0.16
	Uri-II HPS (4*60)	240	105	174	124	2.57	107	2.53	0.04
	Dhauliganga-HPS (4*70)	280	140	143	0	0.86	36	0.77	0.09
	Dulhasti-HPS (3*130)	390	258	272	0	2.59	108	2.40	0.19
	Sewa-II HPS (3*40)	120	119	120	0	0.34	14	0.36	-0.02
	Parbati 3 (4*130)	520	0	0	0	0.81	34	0.00	0.81
	Sub Total (C)	**4065**	**1938**	**2173**	**444**	**19**	**780**	**17**	**2**
D.SJVNL	NJPC (6*250)	1500	1605	1297	0	6.52	272	6.20	0.32
	Rampur HEP (6*68.67)	412	344	366	0	1.78	74	1.65	0.14
	Sub Total (D)	**1912**	**1949**	**1663**	**0**	**8.30**	**346**	**7.85**	**0.46**
E. THDC	Tehri HPS (4*250)	1000	900	897	0	7.55	315	7.50	0.05
	Koteshwar HPS (4*100)	400	124	405	90	3.06	127	2.98	0.08
	Sub Total (E)	**1400**	**1024**	**1302**	**90**	**10.61**	**442**	**10.48**	**0.13**
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	547	1009	347	13.10	546	13.13	-0.03
	Dehar HPS (6*165)	990	120	495	0	2.90	121	2.88	0.02
	Pong HPS (6*66)	396	246	384	0	5.76	240	5.90	-0.14
	Sub Total (F)	**2765**	**913**	**1888**	**347**	**21.76**	**907**	**21.91**	**-0.15**
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	0	0	0.47	20	0.45	0.02
	KARCHAM WANGTOO HPS(IPP) (4*250	1000	0	630	0	3.72	155	3.72	0.01
	Malana Stg-II HPS (2*50)	100	0	0	0	0.18	8	0.17	0.01
	Shree Cement TPS (2*150)	300	0	302	296	7.12	297	7.15	-0.03
	Budhil HPS(IPP) (2*35)	70	0	35	0	0.14	6	0.14	0.00
	Sub Total (G)	1662	0	967	296	11.64	485	11.64	0.00
H. Total Regional Entities (A-G)		**25237**	**18663**	**18858**	**10451**	**298.71**	**12446**	**297.08**	**1.63**

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	350	160	6.46	269
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	102	100	1.27	53
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	201	0	3.67	153
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	1363	698	25.97	1082
	Talwandi Saboo (2*660)	1320	787	694	21.69	904
	Thermal (Total)	**5360**	**2803**	**1652**	**59.06**	**2461**
	Total Hydro	1000	245	219	7.62	317
	Total Punjab	**6360**	**3048**	**1871**	**66.67**	**2778**
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	235	224	5.41	225
	DCRTPP (Yamuna nagar) (2*300)	600	277	229	6.18	257
	Faridabad GPS (NTPC)	432	0	0	0.00	0
	RGTPP (khedar) (IPP) (2*600)	1200	1047	648	21.50	896
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	1107	740	21.79	908
	Thermal (Total)	**4944**	**2666**	**1841**	**54.88**	**2286**
	Total Hydro	62	9	11	0.32	13
	Total Haryana	**5006**	**2675**	**1852**	**55.19**	**2300**
Rajasthan	kota TPS (2*110+2*195+3*210)	1240	1125	1039	26.35	1098
	suratgarh TPS (6*250)	1500	1135	974	25.40	1058
	Chabra TPS (4*250)	1000	558	600	14.28	595
	Dholpur GPS (3*110)	330	96	100	2.45	102
	Ramgarh GPS (1*37.5 + 1*35.5 +2*37.5 +1*110 +1*50)	271	194	195	4.84	202
	RAPS A (NPC) (1*100+1*200)	300	164	165	4.07	170
	Barsingsar (NLC) (2*125)	250	92	92	2.07	86
	Giral LTPS (2*125)	250	0	0	0.00	0
	Rajwest LTPS (IPP) (8*135)	1080	724	647	15.74	656
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(2*600)	1200	931	908	21.43	893
	Kawai(Adani) (2*660)	1320	961	940	23.28	970
	Thermal (Total)	**8876**	**5980**	**5660**	**140**	**5829**
	Total Hydro	550	270	136	4.73	197
	Wind power	3214	542	139	7.89	329
	Biomass	99	21	21	0.50	21
	Solar	730	0	0	2.22	93
	Renewable/Others (Total)	4043	563	160	10.61	442
	Total Rajasthan	**13469**	**6813**	**5956**	**155.25**	**6469**
UP	Anpara TPS (3*210+2*500)	1630	1343	1348	31.63	1318
	Obra TPS (2*50+2*94+5*200)	1194	440	453	10.37	432
	Paricha TPS (2*110+2*220+2*250)	1140	893	693	19.96	832
	Panki TPS (2*105)	210	0	0	0.00	0
	Harduaganj TPS (1*60+1*105+2*250)	665	521	448	12.21	509
	Tanda TPS (NTPC) (4*110)	440	387	290	8.34	348
	Roza TPS (IPP) (4*300)	1200	554	278	11.52	480
	Anpara-C (IPP) (2*600)	1200	1078	1076	21.52	897
	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	329	6.35	265
	Thermal (Total)	**11269**	**5216**	**4915**	**122**	**5079**
	Vishnuparyag HPS (IPP)(4*110)	440	70	70	1.70	71
	Alaknanada(4*82.5)	330	0	0	1.03	43
	Other Hydro	527	190	19	2.46	102
	Cogeneration	981	800	800	19.20	800
	Total UP	**13547**	**6276**	**5804**	**146**	**6095**
Uttarakhand	Total Hydro	1398	644	367	9.86	411
	Total Uttarakhand	**1398**	**644**	**367**	**9.86**	**411**
Delhi	Rajghat TPS (2*67.5)	135	0	0	-0.01	0
	Delhi Gas Turbine (6x30 + 3x34)	282	36	35	0.87	36
	Pragati Gas Turbine (2x104+ 1x122)	330	143	142	3.37	141
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	253	250	6.04	252
	Badarpur TPS (NTPC) (3*95+2*210)	705	165	163	3.58	149
	Thermal (Total)	2917	597	590	13.85	577
	Total Delhi	**2917**	**597**	**590**	**13.85**	**577**
HP	Baspa HPS (IPP) (3*100)	300	0	0	1.03	43
	Malana HPS (IPP) (2*43)	86	0	0	0.18	8
	Other Hydro	878	129	64	2.39	100
	Total HP	**1264**	**129**	**64**	**3.60**	**150**
J & K	Baglihar HPS (IPP) (3*150)	450	143	142	3.42	142
	Other Hydro/IPP	560	110	72	2.04	85
	Gas/Diesel/Others	190	0	0	0.00	0
	Total J & K	**1200**	**253**	**214**	**5.46**	228
Total State Control Area Generation		**45161**	**20435**	**16718**	**456.17**	**19007**
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]			**3691.87**	**4099.06**	**109.00**	**4542**
Total Regional Availability(Gross)		**70398**	**42985**	**31268**	**863.88**	**35995**

IV. Total Hydro Generation:

Regional Entities Hydro	**12234**	**7655**	**881**	**66.54**	**2772**
State Control Area Hydro	**6581**	**1810**	**1100**	**37**	**1532**
Total Regional Hydro	**18815**	**9465**	**1981**	**103.31**	**4304**

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	-100	350	500	1.54	3.34	-1.80
765 KV Gwalior-Agra (D/C)	1063	1604	2354	0	41.82	0.00	41.82
400 KV Zerda-Kankroli	-258	-194	0	296	0.00	4.67	-4.67
400 KV Zerda-Bhinmal	-140	-70	80	220	0.00	1.74	-1.74
220 KV Auraiya-Malanpur	-127	-86	0	127	0.00	2.29	-2.29
220 KV Badod-Kota/Morak	-98	-85	0	140	0.00	2.61	-2.61
Mundra-Mohindergarh(HVDC Bipole)	2502	1702	2507	0	53.88	0.00	53.88
400 KV Vindhyachal - Rihand	0	0	0	0	0.00	0.00	0.00
765 kV Phagi-Gwalior (D/C)	374	599	935	0	15.79	0.00	15.79
Sub Total WR	**3516**	**3370**			**113.03**	**14.65**	**98.38**
Pusauli Bypass/HVDC	300	400	400	0	6.65	0.00	6.65
400 KV MZP- GKP (D/C)	-770	-512	0	896	0.00	15.39	-15.39
400 KV Patna-Balia(D/C) X 2	219	314	388	0	6.95	0.00	6.95
400 KV B'Sharif-Balia (D/C)	-319	-217	0	374	0.00	6.30	-6.30
765 KV Gaya-Balia	191	97	191	0	1.26	0.00	1.26
765 KV Gaya-Fatehpur	0	-63	45	75	0.00	0.56	-0.56
220 KV Pusauli-Sahupuri	118	171	182	0	3.44	0.00	3.44
132 KV K'nasa-Sahupuri	0	0	0	0	0.48	0.00	0.48
132 KV Son Ngr-Rihand	-29	-25	0	29	0.00	0.59	-0.59
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	-384	-330	0	384	0.00	6.23	-6.23
400 KV Barh -GKP (D/C)	350	394	460	0	9.24	0.00	9.24
Sub Total ER	**-324**	**229**			**28.02**	**29.06**	**-1.04**
+/- 800 KV BiswanathCharialli-Agra	500	500	500	0	11.66	0.00	11.66
Sub Total NER	**500**	**500**			**11.66**	**0.00**	**11.66**
Total IR Exch	**3692**	**4099**			**152.70**	**43.71**	**109.00**

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
34.17	0.11	34.28	-5.34	-13.17	-0.39	0.00	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
33.49	79.75	113.23	10.61	98.38	109.00	-22.87	18.63	-4.24

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	-27	0	33	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	1.44	14.93	54.05	66.97	13.26	4.78	0.12	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)	
50.23	18.02	49.71	7.19	49.98	0.060	0.076	50.16	49.91	33.03

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	497.89	1006.54	494.47	880.64	152.80	399.27
Pong	426.72	384.05	408.02	435.19	403.01	288.96	54.31	392.16
Tehri	829.79	740.04	794.30	518.27	803.30	665.65	61.49	204.00
Koteshwar	612.50	598.50	611.16	5.20	609.11	4.11	204.00	201.27
Chamera-I	760.00	748.75	0.00	0.00	0.00	0.00	0.00	0.00
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	496.09	1.47	503.62	1.84	39.04	91.37

*** 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	-459	72	0	-912	26	0	-16.16	0.54	-15.63
Delhi	-842	-685	-3	-545	-141	-3	-13.91	-6.54	-20.45
Haryana	-693	-121	0	-749	145	0	-18.41	-0.95	-19.37
HP	101	223	0	163	-71	0	7.87	-0.63	7.24
J&K	721	-14	0	759	96	0	16.66	-0.11	16.55
CHD	-31	10	0	0	0	0	-0.24	0.28	0.04
Rajasthan	-7	615	2	-7	169	2	0.59	8.66	9.26
UP	103	0	0	22	0	0	-2.97	0.00	-2.97
Uttarakhand	384	0	0	384	75	0	9.34	3.12	12.46
Total	**-721**	**101**	**0**	**-884**	**299**	**0**	**-17.24**	**4.38**	**-12.86**

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-459	-912	72	0	0	0
Delhi	-282	-872	165	-751	-3	-3
Haryana	-693	-953	158	-350	0	0
HP	488	101	242	-599	0	0
J&K	759	574	96	-26	0	0
CHD	0	-31	54	-25	0	0
Rajasthan	185	-7	621	-50	2	2
UP	165	-362	0	0	0	0
Uttarakhand	413	384	354	0	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	**30**
ER	**0**
Simultaneous	**0**

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

WR	**77%**
ER	**0%**
Simultaneous	**10%**

XII.System Constraints:

XIII. Grid Disturbance / Any Other Significant Event:

XIV. Weather Conditions For 18.01.2016 :

XV. Synchronisation of new generating units :

XVI. Synchronisation of new 220 / 400 / 765 KV lines and energising of bus / /substation :
1.400/220 kV,315 MVA ICT-I charged first time at Ajmer at 1615 hrs. dated 18/01/16.
2. 220 kV Bhiwadi-Rewari-II synchronised first time at 1733 hrs. dated 18/01/16

XVII. Tripping of lines in pooling stations :

XVIII. Complete generation loss in a generating station :

Report for : 18.01.2016

पारी प्रभारी अभियंता / SHIFT CHARGE ENGINEER