

पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(एनएसईड की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)



उत्तरी क्षेत्रीय भार प्रेषण केंद्र

CIN: U40105DL2009GO188682

Power Supply Position in Northern Region for 09.01.2016
Date of Reporting : 10.01.2016

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
39501	1641	41142	50.05	30587	447	31034	50.07	849.9	36.53

* 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:

State	State's Control Area Generation (Net MU)				Drawal Schedule (Net MU)	Actual Drawal (Net MU)	UI (Net MU)	Consumption (Net MU)	Shortages * (MU)
	Thermal	Hydro	Renewable/others \$	Total					
Punjab	43.86	10.95		54.82	46.90	47.40	0.50	102.22	0.00
Haryana	45.41	0.33		45.74	74.20	73.91	-0.30	119.64	0.00
Rajasthan	130.31	4.93	4.61	139.85	77.94	79.75	1.82	219.60	0.00
Delhi	13.86			13.86	46.21	46.98	0.77	60.84	0.03
UP	137.07	4.70		141.77	96.86	96.80	-0.05	238.57	26.14
Uttarakhand		10.57		10.57	24.71	25.49	0.77	36.06	0.20
HP		3.68		3.68	21.98	22.99	1.02	26.68	0.06
J & K		5.83	0.00	5.83	37.78	36.94	-0.84	42.77	10.11
Chandigarh				0.00	3.58	3.52	0.27	3.52	0.00
Total	370.51	41.00	4.61	416.12	430.16	433.78	3.95	849.90	36.53

* Shortage furnished by the respective constituent.\$ Others include UP Co-generation and JK Diesel

II. B. State's Demand Met in MWs:

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	4741	0	-32	-484	3129	0	154	74	5341
Haryana	6291	0	-131	-192	3544	0	26	-99	6291
Rajasthan	9223	0	71	409	8678	0	95	759	10015
Delhi	2924	0	-231	-279	1567	0	105	-1264	3529
UP	10877	1095	479	79	10035	180	23	114	10877
Uttarakhand	1867	30	53	512	1213	0	51	338	1875
HP	1329	0	0	288	815	0	89	343	1426
J&K	2063	516	197	741	1515	267	-179	725	2063
Chandigarh	186	0	-2	0	91	0	5	-30	207
Total	39501	1641	404	1074	30587	447	369	961	39501

UI/OA/PX [OD/Import: (+ve), UD/Export: (-ve)]

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 :

A. NTPC	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
	Singrauli STPS (5*200+2*500)	2000	1877	2008	1904	44.71	1863	44.17	0.54
	Rihand I STPS (2*500)	1000	878	862	778	19.14	798	19.24	-0.09
	Rihand II STPS (2*500)	1000	965	887	815	21.01	875	20.92	0.09
	Rihand III STPS (2*500)	1000	976	976	929	21.33	889	21.67	-0.34
	Dadri I STPS (4*210)	840	815	497	430	10.40	433	10.80	-0.40
	Dadri II STPS (2*490)	980	980	391	348	8.61	359	9.28	-0.67
	Unchahar I TPS (2*210)	420	406	314	315	7.30	304	7.78	-0.49
	Unchahar II TPS (2*210)	420	404	304	278	6.77	282	7.34	-0.57
	Unchahar III TPS (1*220)	210	202	169	140	3.36	140	3.71	-0.34
	ISTPP (Jhajjar) (3*500)	1500	1500	813	611	14.71	613	15.05	-0.34
	Dadri GPS (4*130.19+2*154.51)	830	813	227	233	5.37	224	5.65	-0.28
	Anta GPS (3*88.71+1*153.2)	419	411	0	0	0.00	0	0.00	0.00
	Auraiya GPS (4*111.19+2*109.30)	663	637	0	0	0.00	0	0.00	0.00
	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	0.04	2	0.04	0.00
	KHEP	800	870	703	702	2.82	117	2.61	0.21
	Sub Total (A)	12112	11739	8151	7483	166	6901	168	-3
B. NPC	NAPS (2*220)	440	408	450	449	9.85	410	9.79	0.06
	RAPS- B (2*220)	440	397	445	444	9.67	403	9.53	0.14
	RAPS- C (2*220)	440	420	456	459	9.91	413	10.08	-0.17
	Sub Total (B)	1320	1225	1351	1352	29.43	1226	29.40	0.03
C. NHPC	Chamera I HPS (3*180)	540	540	494	0	1.85	77	1.62	0.23
	Chamera II HPS (3*100)	300	300	301	0	1.24	52	1.15	0.09
	Chamera III HPS (3*77)	231	154	157	0	0.74	31	0.60	0.14
	Bairasuli HPS(3*60)	180	124	125	0	0.53	22	0.49	0.04
	Salal-HPS (6*115)	690	116	230	70	3.24	135	2.78	0.47
	Tanakpur-HPS(3*40)	94	17	26	16	0.46	19	0.42	0.05
	Uri-I HPS (4*120)	480	257	307	217	6.51	271	6.14	0.36
	Uri-II HPS (4*60)	240	158	178	154	3.85	161	3.79	0.07
	Dhauliganga-HPS (4*70)	280	166	209	0	0.87	36	0.77	0.10
	Dulhasi-HPS (3*130)	390	258	266	0	3.02	126	2.90	0.12
	Sewa-II HPS (3*40)	120	119	124	0	0.36	15	0.37	0.00
	Parbati 3 (4*130)	520	0	0	0	0.81	34	0.00	0.81
	Sub Total (C)	4065	2209	2417	457	23	979	21	2
D.SJVNL	NJPC (6*250)	1500	1080	903	0	7.71	321	7.55	0.16
	Rampur HEP (6*68.67)	412	299	298	0	2.15	90	2.08	0.07
	Sub Total (D)	1912	1379	1201	0	9.86	411	9.64	0.23
E. THDC	Tehri HPS (4*250)	1000	897	708	0	8.47	353	8.30	0.17
	Koteshwar HPS (4*100)	400	130	399	90	3.21	134	3.13	0.08
	Sub Total (E)	1400	1028	1107	90	11.68	486	11.43	0.25
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	590	1071	349	14.33	597	14.15	0.17
	Dehar HPS (6*165)	990	133	495	0	3.32	138	3.20	0.12
	Pong HPS (6*66)	396	278	384	126	6.58	274	6.68	-0.10
	Sub Total (F)	2765	1001	1950	475	24.22	1009	24.03	0.19
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	46	0	0.47	20	0.45	0.02
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	630	0	3.99	166	3.84	0.15
	Malana Stg-II HPS (2*50)	100	0	0	0	0.19	8	0.18	0.01
	Shree Cement TPS (2*150)	300	0	295	254	6.74	281	6.68	0.06
	Budhil HPS(IPP) (2*35)	70	0	38	0	0.29	12	0.29	0.00
	Sub Total (G)	1662	0	1009	254	11.68	487	11.45	0.23
H. Total Regional Entities (A-G)		25237	18582	17185	10111	275.99	11500	275.27	0.72

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	3.83	159
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	100	100	2.25	94
	Guru Har Gobind Singh TPS(L.mbt) (2*210+2*250)	920	203	205	4.75	198
	Goindwal(GVK)	0	0	0	0.00	0
	Rajpura (2*700)	1400	1068	707	22.80	950
	Talwandi Saboo (2*660)	1320	358	332	10.23	426
	Thermal (Total)	5360	1889	1504	43.86	1828
	Total Hydro	1000	542	432	10.95	456
Total Punjab	6360	2431	1936	54.82	2284	
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	237	223	5.38	224
	DCRTPP (Yamuna nagar) (2*300)	600	281	232	6.29	262
	Faridabad GPS (NTPC)	432	0	0	0.00	0
	RGTPP (kheadar) (IPP) (2*600)	1200	1123	784	22.95	956
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	555	374	10.79	450
	Thermal (Total)	4944	2196	1613	45.41	1892
	Total Hydro	62	11	10	0.33	14
	Total Haryana	5006	2207	1623	45.74	1906
	Rajasthan	kota TPS (2*110+2*195+3*210)	1240	858	860	21.24
suratgarh TPS (6*250)		1500	576	580	14.17	590
Chabra TPS (4*250)		1000	555	602	14.83	618
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	193	196	4.87	203
RAPS A (NPC) (1*100+1*200)		300	162	164	4.05	169
Barsingsar (NLC) (2*125)		250	90	92	2.06	86
Giral LTPS (2*125)		250	56	56	1.21	50
Rajwest LTPS (IPP) (8*135)		1080	577	695	16.83	701
VS LIGNITE LTPS (IPP) (1*135)		135	0	0	0.00	0
Kalisindh Thermal(2*600)		1200	960	1149	24.20	1008
Kawai(Adani) (2*660)		1320	958	1191	26.86	1119
Thermal (Total)		8876	4985	5585	130	5430
Total Hydro		550	187	230	4.93	205
Wind power		3214	89	0	1.83	76
Biomass		99	19	19	0.46	19
Solar		730	10	0	2.32	97
Renewable/Others (Total)		4043	118	19	4.61	192
Total Rajasthan		13469	5290	5834	139.85	5827
UP		Anpara TPS (3*210+2*500)	1630	1390	1306	32.10
	Obra TPS (2*50+2*94+5*200)	1194	416	489	10.90	454
	Paricha TPS (2*110+2*220+2*250)	1140	656	761	17.90	746
	Panki TPS (2*105)	210	0	0	0.00	0
	Harduaganj TPS (1*80+1*105+2*250)	665	428	545	11.90	496
	Tanda TPS (NTPC) (4*110)	440	279	276	7.57	315
	Roza TPS (IPP) (4*300)	1200	189	189	5.00	208
	Anpara-C (IPP) (2*600)	1200	860	1080	23.50	979
	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	417	387	9.00	375
	Bara(2*660)	1320	0	0	0.00	0
	Thermal (Total)	11269	4635	5033	118	4911
	Vishnuparyag HPS (IPP)(4*110)	440	78	72	1.80	75
	Alakanada(4*82.5)	330	51	54	1.10	46
	Other Hydro	527	93	45	1.80	75
	Cogeneration	981	800	800	19.20	800
Total UP	13547	5657	6004	142	5907	
Uttarakhand	Total Hydro	1398	714	356	10.57	441
	Total Uttarakhand	1398	714	356	10.57	441
Delhi	Rajghat TPS (2*67.5)	135	0	0	-0.02	-1
	Delhi Gas Turbine (6x30 + 3x34)	282	29	34	0.91	38
	Prahati Gas Turbine (2x104+ 1x122)	330	141	139	3.37	140
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	250	250	6.03	251
	Badarpur TPS (NTPC) (3*95+2*210)	705	167	168	3.57	149
	Thermal (Total)	2917	587	590	13.86	578
	Total Delhi	2917	587	590	13.86	578
HP	Baspa HPS (IPP) (3*100)	300	0	0	0.91	38
	Malana HPS (IPP) (2*43)	86	0	0	0.17	7
	Other Hydro	878	132	75	2.60	109
	Total HP	1264	132	75	3.68	154
J & K	Badlihar HPS (IPP) (3*150)	450	132	142	3.73	156
	Other Hydro/IPP	560	104	57	2.10	88
	Gas/Diesel/Other	190	0	0	0.00	0
	Total J & K	1200	236	199	5.83	243
Total State Control Area Generation		45161	17254	16617	416.12	17338
J. Net Inter Regional Exchange [import(+ve)/Export(-ve)]			7743.98	6499.77	183.90	7663
Total Regional Availability(Gross)		70398	42183	33227	876.01	36500

IV. Total Hydro Generation:

Regional Entities Hydro	12234	8054	1724	76.72	3197
State Control Area Hydro	6581	2044	1473	41	1708
Total Regional Hydro	18815	10098	3197	117.72	4905

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 MU
	MW	MW	Import	Export	Import	Export	
Vindhychal(HVDC B/B)	-100	-200	0	500	0.00	5.46	-5.46
765 KV Gwalior-Agra (D/C)	2495	2332	3194	0	65.97	0.00	65.97
400 KV Zarda-Kankrol	32	-151	59	151	0.00	0.92	-0.92
400 KV Zarda-Bhimtal	65	-41	198	67	1.41	0.00	1.41
220 KV Auraiya-Malanpur	-40	-41	0	46	0.00	0.76	-0.76
220 KV Badod-Kota/Morak	-9	2	37	35	0.67	0.00	0.67
Mundra-Mohindergarh(HVDC Bipole)	2497	2199	2507	0	56.52	0.00	56.52
400 KV Vindhyachal - Rihand	0	0	0	0	0.00	0.00	0.00
765 kV Phagi-Gwalior (D/C)	1045	715	1270	0	24.38	0.00	24.38
Sub Total WR	5985	4815			148.94	7.13	141.81
Pusauli Bypass/HVDC	400	400	400	0	8.87	0.00	8.87
400 KV MZP- GKP (D/C)	-532	-350	0	622	0.00	8.79	-8.79
400 KV Patna-Balia(D/C) X 2	783	574	784	0	15.27	0.00	15.27
400 KV B'Sharif-Balia (D/C)	31	-117	43	185	0.00	2.33	-2.33
765 KV Gaya-Balia	273	226	306	0	2.59	0.00	2.59
765 KV Gaya-Fatehpur	74	24	328	0	3.70	0.00	3.70
220 KV Pusauli-Sahupuri	0	182	185	0	2.37	0.00	2.37
132 KV N'nasa-Sahupuri	0	0	0	0	0.00	0.00	0.00
132 KV Son Ngr-Rihand	-28	-24	0	30	0.00	0.58	-0.58
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	-198	-234	72	251	0.00	2.84	-2.84
400 KV Barh -GKP (D/C)	456	504	588	0	12.22	0.00	12.22
Sub Total ER	1259	1185			45.01	14.54	30.48
+/- 800 KV BiswanathChariali-Agra	500	500	500	0	11.61	0.00	11.61
Sub Total NER	500	500			11.61	0.00	11.61
Total IR Exch	7744	6500			205.57	21.67	183.90

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
29.89	0.17	30.06	4.27	-5.69	7.35		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
46.61	132.03	178.64	42.09	141.81	183.90	-4.52	9.78	5.26

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 MU
	MW	MW	Import	Export	Import	Export	
132 KV Tanakpur - Mahendarnagar	-16	-33	0	34	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	0.02	6.55	47.89	69.11	16.48	7.62	0.30	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	17.04	49.79	18.10	50.00	0.046	0.068	50.14	49.90	30.89

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	>400 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
Ballabgarh	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
Kisherpur	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. Reservoir Parameters:

Name of Reservoir	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	499.40	1064.89	495.98	937.45	195.19	455.33
Pong	426.72	384.05	409.51	484.26	404.08	320.26	84.27	438.00
Tehri	829.79	740.04	798.60	585.90	806.95	742.77	80.51	224.00
Koteswar	612.50	598.50	610.57	4.95	609.54	4.33	224.00	211.09
Chamera-I	760.00	748.75	758.53	0.00	0.00	0.00	48.83	49.71
Rihand	268.22	252.98	848.90	237.90	850.90	269.90	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	497.19	3.46	505.07	4.06	49.34	155.87

* 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	-280	354	0	-732	249	0	-11.85	6.98	-4.87
Delhi	-838	-426	0	-542	264	0	-13.84	1.47	-12.37
Haryana	-413	314	0	-459	267	0	-11.63	7.00	-4.63
HP	89	255	0	151	137	0	8.87	0.41	9.28
J&K	725	0	0	703	37	0	16.14	-0.08	16.06
CHD	-30	0	0	0	0	0	-0.24	0.16	-0.08
Rajasthan	-7	764	3	-7	414	3	9.05	15.76	24.81
UP	114	0	0	79	0	0	-2.38	0.00	-2.38
Uttarakhand	193	145	0	193	319	0	4.88	6.37	11.25
Total	-447	1406	3	-615	1686	3	-0.99	38.07	37.08

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-280	-732	354	219	0	0
Delhi	-279	-868	506	-515	0	0
Haryana	-413	-671	314	45	0	0
HP	584	89	255	-637	0	0
J&K	752	574	49	-164	0	0
CHD	0	-30	49	-46	0	0
Rajasthan	890	-7	765	-67	3	3
UP	150	-344	0	0	0	0
Uttarakhand	224	193	407	139	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 09.01.2016 :

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 :