

पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(एनएसईड की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)



उत्तरी क्षेत्रीय भार प्रेषण केंद्र

CIN: U40105DL2009GOI188682

Power Supply Position in Northern Region for 12.01.2016
Date of Reporting : 13.01.2016

I. Regional Availability/Demand:

Demand Met	Evening Peak (19:00 Hrs) MW			Demand Met	Off Peak (03:00 Hrs) MW			Day Energy (Net MU)	
	Shortage	Requirement	Freq* (Hz)		Shortage	Requirement	Freq* (Hz)	Demand Met	Shortage
40854	1176	42030	50.05	30682	369	31051	50.11	861.3	40.89

* 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	49.44	6.71		56.15	50.32	51.10	0.78	107.25	0.00
Haryana	45.41	0.33		45.74	73.59	72.85	-0.74	118.59	0.00
Rajasthan	136.60	5.00	6.53	148.13	75.15	76.78	1.63	224.91	0.00
Delhi	16.89			16.89	45.47	44.83	-0.64	61.71	0.00
UP	128.82	3.70		132.52	106.59	107.82	1.23	240.34	29.68
Uttarakhand		10.25		10.25	24.76	25.86	1.10	36.11	1.18
HP		3.79		3.79	21.90	22.41	0.51	26.19	0.00
J & K		6.30	0.00	6.30	35.91	36.25	0.34	42.55	10.03
Chandigarh				0.00	3.65	3.67	0.27	3.67	0.00
Total	377.17	36.08	6.53	419.77	437.33	441.57	4.48	861.34	40.89

* 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	5268	0	171	-447	3166	0	139	97	5438
Haryana	6572	0	-84	-308	3465	0	-7	-235	6572
Rajasthan	9456	0	-15	457	8923	0	48	717	10531
Delhi	3153	0	-90	-115	1502	0	47	-996	3624
UP	10992	580	146	94	9888	95	-93	125	10992
Uttarakhand	1845	75	24	591	1276	0	154	294	1904
HP	1296	0	-116	370	819	0	69	378	1421
J&K	2083	521	95	729	1551	274	-78	703	2099
Chandigarh	190	0	-12	0	93	0	9	-31	213
Total	40854	1176	119	1371	30682	369	287	1052	40854

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

UI 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	1870	2037	1868	43.88	1828	44.09	-0.21
	Rihand I STPS (2*500)	1000	840	892	694	18.22	759	18.49	-0.26
	Rihand II STPS (2*500)	1000	964	826	695	20.45	852	20.83	-0.38
	Rihand III STPS (2*500)	1000	974	896	670	20.68	862	21.89	-1.21
	Dadri I STPS (4*210)	840	815	462	405	10.05	419	10.57	-0.52
	Dadri II STPS (2*490)	980	980	429	333	9.15	381	9.82	-0.67
	Unchahar I TPS (2*210)	420	406	363	291	7.74	322	8.43	-0.70
	Unchahar II TPS (2*210)	420	404	353	284	7.17	289	7.64	-0.48
	Unchahar III TPS (1*220)	210	202	162	142	3.52	147	3.85	-0.33
	ISTPP (Jhajjar) (3*500)	1500	1500	727	624	15.00	625	15.36	-0.36
	Dadri GPS (4*130.19+2*154.51)	830	814	206	209	4.84	202	5.09	-0.25
	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	492	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	0.05	2	0.04	0.02
	KHEP	800	870	755	0	3.00	125	2.96	0.04
	Sub Total (A)	12112	11544	8108	6214	164	6825	169	-5
B. NPC	NAPS (2*220)	440	410	443	454	9.87	411	9.84	0.03
	RAPS- B (2*220)	440	402	445	445	9.58	399	9.65	-0.07
	RAPS- C (2*220)	440	420	454	458	9.83	410	10.08	-0.25
	Sub Total (B)	1320	1232	1342	1357	29.28	1220	29.57	-0.29
C. NHPC	Chamera I HPS (3*180)	540	540	505	0	1.87	78	1.62	0.25
	Chamera II HPS (3*100)	300	300	305	0	1.16	48	1.04	0.12
	Chamera III HPS (3*77)	231	154	153	0	0.68	28	0.60	0.08
	Bairasuli HPS(3*60)	180	124	126	0	0.49	20	0.44	0.05
	Salal-HPS (6*115)	690	153	230	150	4.45	185	3.65	0.79
	Tanakpur-HPS (3*40)	94	19	31	25	0.52	22	0.46	0.06
	Uri-I HPS (4*120)	480	228	220	209	5.66	236	5.45	0.22
	Uri-II HPS (4*60)	240	133	157	122	3.30	137	3.20	0.10
	Dhauliganga-HPS (4*70)	280	140	136	0	0.86	36	0.77	0.09
	Dulhasti-HPS (3*130)	390	258	261	0	2.95	123	2.80	0.15
	Sewa-II HPS (3*40)	120	119	123	0	0.38	16	0.37	0.01
	Parbati 3 (4*130)	520	0	0	0	0.81	34	0.00	0.81
	Sub Total (C)	4065	2169	2247	506	23	964	20	3
D.SJVNL	NJPC (6*250)	1500	1605	1068	0	6.72	280	6.50	0.22
	Rampur HEP (6*68.67)	412	297	280	0	1.91	80	1.77	0.14
	Sub Total (D)	1912	1902	1348	0	8.63	359	8.27	0.36
E. THDC	Tehri HPS (4*250)	1000	940	900	0	8.55	356	8.50	0.05
	Koteshwar HPS (4*100)	400	130	397	90	3.16	132	3.13	0.04
	Sub Total (E)	1400	1070	1297	90	11.72	488	11.63	0.09
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	634	1093	373	15.40	642	15.22	0.18
	Dehar HPS (6*165)	990	112	495	0	2.82	118	2.68	0.14
	Pong HPS (6*66)	396	234	384	0	5.66	232	5.63	-0.07
	Sub Total (F)	2765	980	1972	373	23.78	991	23.53	0.25
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	68	0	0.45	19	0.43	0.02
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	630	0	3.79	158	3.72	0.07
	Malana Stg-II HPS (2*50)	100	0	0	0	0.21	9	0.20	0.01
	Shree Cement TPS (2*150)	300	0	293	295	7.06	294	7.13	-0.08
	Budhil HPS(IPP) (2*35)	70	0	35	0	0.14	6	0.14	0.00
	Sub Total (G)	1662	0	1026	295	11.65	485	11.63	0.02
H. Total Regional Entities (A-G)		25237	18898	17340	8835	271.97	11332	274.10	-2.13

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	4.02	168
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	90	100	2.22	92
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	206	230	4.30	179
	Goidwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	1265	707	24.01	1000
	Talwandi Saboo (2*660)	1320	685	338	14.90	621
	Thermal (Total)	5360	2406	1535	49.44	2060
	Total Hydro	1000	294	149	6.71	280
Total Punjab	6360	2700	1684	56.15	2340	
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00	0
	DCRTPP (Yamuna nagar) (2*300)	600	561	458	12.43	518
	Faridabad GPS (NTPC)	432	0	0	0.00	0
	RGTPP (kheadar) (IPP) (2*600)	1200	1118	791	21.45	894
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	597	373	11.54	481
	Thermal (Total)	4944	2276	1622	45.41	1892
	Total Hydro	62	9	11	0.33	14
	Total Haryana	5006	2285	1633	45.74	1906
	Rajasthan	kota TPS (2*110+2*195+3*210)	1240	863	860	21.70
suratgarh TPS (6*250)		1500	577	579	14.63	610
Chabra TPS (4*250)		1000	572	640	15.16	632
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	195	194	4.90	204
RAPS A (NPC) (1*100+1*200)		300	160	167	4.01	167
Barsingsar (NLC) (2*125)		250	179	116	3.80	158
Giral LTPS (2*125)		250	69	77	1.51	63
Rajwest LTPS (IPP) (8*135)		1080	846	788	19.01	792
VS LIGNITE LTPS (IPP) (1*135)		135	0	0	0.00	0
Kalisindh Thermal(2*600)		1200	910	1130	24.46	1019
Kawai(Adani) (2*660)		1320	1181	1195	27.42	1143
Thermal (Total)		8876	5552	5746	137	5692
Total Hydro		550	161	256	5.00	208
Wind power		3214	214	249	6.03	251
Biomass		99	20	20	0.47	20
Solar		730	0	0	0.03	1
Renewable/Others (Total)		4043	234	269	6.53	272
Total Rajasthan		13469	5947	6271	148.13	6172
UP		Anpara TPS (3*210+2*500)	1630	922	933	22.00
	Obra TPS (2*50+2*94+5*200)	1194	458	459	10.70	446
	Paricha TPS (2*110+2*220+2*250)	1140	809	937	22.40	933
	Panki TPS (2*105)	210	0	0	0.00	0
	Harduaganj TPS (1*80+1*105+2*250)	665	533	324	9.30	388
	Tanda TPS (NTPC) (4*110)	440	364	390	8.62	359
	Roza TPS (IPP) (4*300)	1200	477	482	10.80	450
	Anpara-C (IPP) (2*600)	1200	1079	1075	25.80	1075
	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	4642	4600	110	4568
	Vishnuparyag HPS (IPP)(4*110)	440	74	72	1.70	71
	Alakanada(4*82.5)	330	48	53	1.00	42
	Other Hydro	527	44	20	1.00	42
	Cogeneration	981	800	800	19.20	800
Total UP	13547	5608	5545	133	5522	
Uttarakhand	Total Hydro	1398	636	366	10.25	427
	Total Uttarakhand	1398	636	366	10.25	427
Delhi	Rajghat TPS (2*67.5)	135	0	0	0.00	0
	Delhi Gas Turbine (6x30 + 3x34)	282	34	36	1.27	53
	Prahati Gas Turbine (2x104+ 1x122)	330	143	272	6.00	250
	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	161	166	3.59	149
	Thermal (Total)	2917	589	725	16.89	704
	Total Delhi	2917	589	725	16.89	704
HP	Baspa HPS (IPP) (3*100)	300	83	0	0.96	40
	Malana HPS (IPP) (2*43)	86	32	0	0.18	8
	Other Hydro	878	115	69	2.65	110
	Total HP	1264	230	69	3.79	158
J & K	Badlihar HPS (IPP) (3*150)	450	260	150	4.26	178
	Other Hydro/IPP	560	110	72	2.04	85
	Gas/Diesel/Others	190	0	0	0.00	0
	Total J & K	1200	370	222	6.30	263
Total State Control Area Generation		45161	18365	16515	419.77	17491
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]			7664	6592	186.25	7761
Total Regional Availability(Gross)		70398	43369	31942	878.00	36583

IV. Total Hydro Generation:

Regional Entities Hydro	12234	8317	969	74.69	3112
State Control Area Hydro	6581	1866	1218	36	1503
Total Regional Hydro	18815	10183	2187	110.77	4615

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	50	350	200	2.61	0.53	2.09
765 KV Gwalior-Agra (D/C)	2905	2626	3401	0	72.01	0.00	72.01
400 KV Zarda-Kankrol	-85	-110	120	138	0.00	0.44	-0.44
400 KV Zarda-Bhimmal	2	-26	216	92	1.80	0.00	1.80
220 KV Auraiya-Malanpur	-27	-33	0	44	0.00	0.33	-0.33
220 KV Badod-Kota/Morak	0	0	30	31	0.25	0.00	0.25
Mundra-Mohindergarh(HVDC Bipole)	2403	1702	2506	0	51.98	0.00	51.98
400 KV Vindhyachal - Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Phagi-Gwalior (D/C)	999	863	604	0	25.13	0.00	25.13
Sub Total WR	6299	5072			153.79	1.29	152.49
Pusauli Bypass/HVDC	400	400	400	0	8.95	0.00	8.95
400 KV MZP- GKP (D/C)	-502	-350	0	662	0.00	8.59	-8.59
400 KV Patna-Balia(D/C) X 2	598	666	711	0	14.94	0.00	14.94
400 KV B'Sharif-Balia (D/C)	-143	-136	15	288	0.00	2.61	-2.61
765 KV Gaya-Balia	210	192	266	0	2.47	0.00	2.47
765 KV Gaya-Fatehpur	55	86	367	23	3.91	0.00	3.91
220 KV Pusauli-Sahupuri	0	0	0	0	0.00	0.00	0.00
132 KV N'nasa-Sahupuri	0	0	0	0	0.00	0.00	0.00
132 KV Son Ngr-Rihand	-26	-13	0	27	0.00	0.54	-0.54
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	-221	-149	122	286	0.00	2.28	-2.28
400 KV Barh -GKP (D/C)	494	524	576	0	12.26	0.00	12.26
Sub Total ER	865	1220			42.52	14.02	28.50
+/- 800 KV BiswanathChariali-Agra	500	300	500	0	5.26	0.00	5.26
Sub Total NER	500	300			5.26	0.00	5.26
Total IR Exch	7664	6592			201.57	15.31	186.25

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
31.23	0.19	31.41	1.02	-4.96	16.03		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
53.39	135.58	188.97	33.76	152.49	186.25	-19.63	16.91	-2.72

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	-31	-29	0	35	0	1	-0.75

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	0.01	4.45	37.66	66.66	19.66	8.31	1.01	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	6.02	49.80	23.39	50.02	0.048	0.00	0.00	33.34	

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	498.87	1053.16	495.43	914.64	187.60	461.45
Pong	426.72	384.05	409.08	464.36	304.71	304.55	73.68	370.58
Tehri	829.79	740.04	797.20	562.80	805.85	710.01	57.89	227.00
Koteswar	612.50	598.50	610.82	4.99	608.87	4.21	227.00	208.24
Chamera-I	760.00	748.75	758.53	0.00	0.00	0.00	47.56	50.19
Rihand	268.22	252.98	848.70	234.80	850.60	265.10	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	496.63	0.66	504.38	3.47	49.34	166.31

* 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	-274	371	0	-734	286	0	-11.74	8.11	-3.63
Delhi	-840	-156	0	-544	429	0	-13.87	6.09	-7.78
Haryana	-532	296	0	-588	280	0	-13.58	6.96	-6.63
HP	88	291	0	150	221	0	8.84	1.19	10.03
J&K	713	-10	0	702	27	0	15.94	-0.69	15.26
CHD	-31	0	0	0	0	0	-0.24	0.23	-0.02
Rajasthan	-7	722	3	-7	462	3	8.39	15.23	23.62
UP	125	0	0	94	0	0	-2.08	0.00	-2.08
Uttarakhand	193	101	0	193	398	0	4.74	6.53	11.27
Total	-565	1615	3	-735	2103	3	-3.61	43.66	40.04

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-274	-734	372	257	0	0
Delhi	-281	-870	761	-261	0	0
Haryana	-507	-711	307	190	0	0
HP	582	88	310	-568	0	0
J&K	726	562	39	-174	0	0
CHD	0	-31	39	-31	0	0
Rajasthan	888	-7	726	111	3	3
UP	156	-325	0	0	0	0
Uttarakhand	221	193	535	90	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 12.01.2016 :

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 :