

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 28.12.2015
Date of Reporting : 29.12.2015

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
39287	1526	40813	50.10	28800	481	29281	50.13	829.7	40.00

* 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	44.23	10.33		54.56	36.66	34.79	-1.86	89.35	0.00
Haryana	51.17	0.36		51.53	62.48	60.25	-2.24	111.78	0.00
Rajasthan	128.86	5.16	5.73	139.75	78.19	81.31	3.13	221.06	0.23
Delhi	13.85			13.85	49.10	48.29	-0.80	62.15	0.01
UP	127.18	3.80		130.98	105.82	105.27	-0.55	236.26	28.26
Uttarakhand		9.98		9.98	24.84	25.49	0.65	35.47	0.72
HP		3.81		3.81	22.70	21.61	-1.09	25.41	0.29
J & K		7.70	0.00	7.70	36.99	36.90	-0.10	44.59	10.50
Chandigarh				0.00	3.93	3.64	0.27	3.64	0.00
Total	365.29	41.14	5.73	412.15	420.70	417.55	-2.59	829.71	40.00

* 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	3919	0	-348	-810	2703	0	5	-364	4900
Haryana	6138	0	-262	-136	3317	0	-33	-117	6138
Rajasthan	9764	0	48	546	8338	0	53	661	9907
Delhi	3202	0	-45	70	1431	0	-114	-1123	3695
UP	10942	960	74	-275	9362	180	-157	97	10942
Uttarakhand	1849	70	-95	597	1146	0	13	356	1877
HP	1297	0	-70	549	712	0	-2	338	1386
J&K	1982	496	-28	825	1704	301	-70	644	1992
Chandigarh	194	0	-28	0	88	0	-5	-30	217
Total	39287	1526	-754	1367	28800	481	-310	462	39287

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

UI/IO/PX figures are at sellers boundary & PX figures are at regional boundary. # figures may not be at simultaneous hour.

Diversity is 1.04

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	1875	1946	1788	42.30	1762	41.71	0.58
	Rihand I STPS (2*500)	1000	878	750	664	18.02	751	18.04	-0.02
	Rihand II STPS (2*500)	1000	964	781	698	19.53	814	19.46	0.07
	Rihand III STPS (2*500)	1000	974	754	686	19.92	830	20.24	-0.32
	Dadri I STPS (4*210)	840	810	278	269	7.30	304	7.57	-0.27
	Dadri II STPS (2*490)	980	980	328	319	8.56	357	9.16	-0.60
	Unchahar I TPS (2*210)	420	406	299	311	7.17	299	7.46	-0.29
	Unchahar II TPS (2*210)	420	404	281	280	6.75	281	7.06	-0.32
	Unchahar III TPS (1*220)	210	202	154	133	3.37	140	3.55	-0.19
	ISTPP (Jhajjar) (3*500)	1500	1500	662	617	14.42	601	14.79	-0.37
	Dadri GPS (4*130.19+2*154.51)	830	813	360	448	9.78	407	10.48	-0.71
	Anta GPS (3*88.71+1*153.2)	419	420	188	185	4.59	191	5.03	-0.44
	Auraiya GPS (4*111.19+2*109.30)	663	660	278	292	5.65	235	5.85	-0.20
	Dadri Solar	5	1	0	0	0.02	1	0.02	0.00
	Unchahar Solar	10	1	0	0	0.02	1	0.02	0.00
	Singrauli Solar	15	2	0	0	0.05	2	0.05	0.00
	KHEP	800	870	662	0	2.54	106	2.61	-0.07
	Sub Total (A)	12112	11761	7721	6690	170	7083	173	-3
B. NPC	NAPS (2*220)	440	397	390	390	9.30	390	9.53	-0.17
	RAPS- B (2*220)	440	404	442	448	9.61	401	9.70	-0.08
	RAPS- C (2*220)	440	425	458	461	9.90	412	10.20	-0.30
	Sub Total (B)	1320	1226	1290	1299	28.87	1203	29.42	-0.55
C. NHPC	Chamera I HPS (3*180)	540	540	492	0	1.84	77	1.62	0.22
	Chamera II HPS (3*100)	300	300	301	0	1.33	55	1.15	0.18
	Chamera III HPS (3*77)	231	173	156	0	0.73	31	0.65	0.08
	Bairasuli HPS(3*60)	180	124	83	0	0.42	18	0.40	0.02
	Salal-HPS (6*115)	690	177	190	215	4.21	175	4.21	0.00
	Tanakpur-HPS(3*40)	94	20	31	17	0.56	23	0.48	0.08
	Uri-I HPS (4*120)	480	198	321	147	4.82	201	4.78	0.04
	Uri-II HPS (4*60)	240	123	88	123	3.00	125	2.94	0.06
	Dhauliganga-HPS (4*70)	280	210	147	0	0.85	35	0.77	0.08
	Dulhasti-HPS (3*130)	390	258	267	0	3.14	131	3.00	0.14
	Sewa-II HPS (3*40)	120	119	124	0	0.40	17	0.37	0.04
	Parbati 3 (4*130)	520	0	0	0	0.81	34	0.00	0.81
	Sub Total (C)	4065	2242	2198	501	22	922	20	2
D.SJVNL	NJPC (6*250)	1500	1350	1356	0	7.14	298	6.79	0.35
	Rampur HEP (6*68.67)	412	317	344	0	1.81	76	1.70	0.11
	Sub Total (D)	1912	1667	1700	0	8.95	373	8.49	0.47
E. THDC	Tehri HPS (4*250)	1000	984	960	0	8.09	337	7.99	0.10
	Koteshwar HPS (4*100)	400	125	302	90	3.07	128	3.01	0.06
	Sub Total (E)	1400	1109	1262	90	11.16	465	11.00	0.16
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	659	1207	375	15.82	659	15.81	0.01
	Dehar HPS (6*165)	990	138	495	0	3.33	139	3.32	0.01
	Pong HPS (6*66)	396	277	384	60	6.61	276	6.64	-0.03
	Sub Total (F)	2765	1074	2086	435	25.76	1073	25.77	-0.01
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	31	0	0.39	16	0.36	0.03
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	630	0	3.78	157	3.72	0.06
	Malana Stg-II HPS (2*50)	100	0	0	0	0.00	0	0.00	0.00
	Shree Cement TPS (2*150)	300	0	259	173	5.51	230	5.52	-0.01
	Budhil HPS(IPP) (2*35)	70	0	38	0	0.15	6	0.15	0.00
	Sub Total (G)	1662	0	957	173	9.83	410	9.75	0.08
H. Total Regional Entities (A-G)		25237	19079	17214	9188	276.68	11528	277.91	-1.23

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	370	41	7.77	324
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	0	0	-0.02	-1
	Guru Har Gobind Singh TPS(L.mbt) (2*210+2*250)	920	438	411	9.15	381
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	703	696	19.21	800
	Talwandi Saboo (2*660)	1320	328	367	8.11	338
	Thermal (Total)	5360	1839	1515	44.23	1843
	Total Hydro	1000	478	244	10.33	431
	Total Punjab	6360	2317	1759	54.56	2273
	Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00
DCRTPP (Yamuna nagar) (2*300)		600	548	464	11.75	490
Faridabad GPS (NTPC)		432	0	0	0.00	0
RGTPP (khedar) (IPP) (2*600)		1200	973	781	18.85	785
Magnum Diesel (IPP)		25	0	0	0.00	0
Jhajjar(CLP) (2*660)		1320	1106	740	20.57	857
Thermal (Total)		4944	2627	1985	51.17	2132
Total Hydro		62	11	11	0.36	15
Total Haryana		5006	2638	1996	51.53	2147
Rajasthan		kota TPS (2*110+2*195+3*210)	1240	695	697	17.41
	suratgarh TPS (6*250)	1500	578	574	14.68	612
	Chabra TPS (4*250)	1000	577	583	14.23	593
	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	216	217	5.30	221
	RAPS A (NPC) (1*100+1*200)	300	163	164	3.95	165
	Barsingsar (NLC) (2*125)	250	77	77	1.65	69
	Giral LTPS (2*125)	250	0	0	0.00	0
	Rajwest LTPS (IPP) (8*135)	1080	961	961	22.47	936
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(2*600)	1200	1056	849	22.61	942
	Kawai(Adani) (2*660)	1320	1162	1050	26.57	1107
	Thermal (Total)	8876	5485	5172	129	5369
	Total Hydro	550	210	179	5.16	215
	Wind power	3214	23	152	2.33	97
	Biomass	99	27	27	0.64	27
	Solar	730	0	0	2.76	115
	Renewable/Others (Total)	4043	50	179	5.73	239
	Total Rajasthan	13469	5745	5530	139.75	5823
	UP	Anpara TPS (3*210+2*500)	1630	931	1382	30.30
Obra TPS (2*50+2*94+5*200)		1194	374	372	8.70	363
Paricha TPS (2*110+2*220+2*250)		1140	1001	720	21.20	883
Panki TPS (2*105)		210	0	0	0.00	0
Harduaganj TPS (1*80+1*105+2*250)		665	442	324	9.60	400
Tanda TPS (NTPC) (4*110)		440	391	279	8.18	341
Roza TPS (IPP) (4*300)		1200	504	383	11.20	467
Anpara-C (IPP) (2*600)		1200	795	783	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	4438	4243	108	4499
Vishnuparyag HPS (IPP)(4*110)		440	82	80	1.90	79
Alakanada(4*82.5)		330	52	53	1.10	46
Other Hydro		527	53	20	0.80	33
Cogeneration		981	800	800	19.20	800
Total UP		12227	5425	5196	131	5458
Uttarakhand	Total Hydro	1398	649	333	9.98	416
	Total Uttarakhand	1398	649	333	9.98	416
Delhi	Rajghat TPS (2*67.5)	135	0	0	-0.01	-1
	Delhi Gas Turbine (6x30 + 3x34)	282	32	34	0.85	35
	Prahati Gas Turbine (2x104+ 1x122)	330	139	139	3.37	140
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	251	250	6.07	253
	Badarpur TPS (NTPC) (3*95+2*210)	705	166	160	3.58	149
	Thermal (Total)	2917	588	583	13.85	577
	Total Delhi	2917	588	583	13.85	577
HP	Baspa HPS (IPP) (3*100)	300	50	0	1.03	43
	Malana HPS (IPP) (2*43)	86	45	0	0.28	12
	Other Hydro	878	141	88	2.50	104
	Total HP	1264	236	88	3.81	159
J & K	Badlihar HPS (IPP) (3*150)	450	240	240	5.76	240
	Other Hydro/IPP	560	96	66	1.94	81
	Gas/Diesel/Others	190	0	0	0.00	0
	Total J & K	1200	336	306	7.70	321
Total State Control Area Generation		43841	17934	15791	412.15	17173
J. Net Inter Regional Exchange [import(+ve)/Export(-ve)]			7281	6369	176.08	7337
Total Regional Availability(Gross)		69078	42429	31348	864.91	36038

IV. Total Hydro Generation:

Regional Entities Hydro	12234	8569	1026	74.70	3113
State Control Area Hydro	6581	2107	1314	41	1714
Total Regional Hydro	18815	10676	2340	115.84	4827

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)	350	50	350	0	3.54	0.00	3.54
765 KV Gwalior-Agra (D/C)	2930	2444	3332	0	69.94	0.00	69.94
400 KV Zarda-Kankrol	-47	-67	14	164	0.00	1.41	-1.41
400 KV Zarda-Bhinmal	37	-6	146	118	0.42	0.00	0.42
220 KV Auraiya-Malanpur	-70	-52	0	85	0.00	1.34	-1.34
220 KV Badod-Kota/Morak	-6	-15	17	26	0.23	0.00	0.23
Mundra-Mohindergarh(HVDC Bipole)	2503	1802	2506	0	55.14	0.00	55.14
400 KV Vindhyachal - Rihand	0	0	0	0	0.00	0.00	0.00
765 kV Phagi-Gwalior (D/C)	937	774	1283	0	25.55	0.00	25.55
Sub Total WR	6634	4930			154.82	2.75	157.07
Pusaui Bypass/HVDC	400	400	400	0	9.01	0.00	9.01
400 KV MZP- GKP (D/C)	-274	-64	120	430	0.00	3.09	-3.09
400 KV Patna-Balia(D/C) X 2	551	459	729	0	12.51	0.00	12.51
400 KV B'Sharif-Balia (D/C)	-57	-9	75	-211	0.00	0.92	-0.92
765 KV Gaya-Balia	220	181	241	0	2.23	0.00	2.23
765 KV Gaya-Fatehpur	109	97	370	0	4.56	0.00	4.56
220 KV Pusaui-Sahupuri	152	102	187	0	3.27	0.00	3.27
132 KV K'nasa-Sahupuri	0	0	0	0	0.00	0.00	0.00
132 KV Son Ngr-Rihand	-24	-26	0	-28	0.00	-0.57	0.57
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	-160	-125	119	217	0.00	1.59	-1.59
400 KV Barh -GKP (D/C)	230	424	472	0	8.88	0.00	8.88
Sub Total ER	1147	1439			40.47	5.02	35.44
+/- 800 KV BiswanathChariali-Agra	-500	0	0	500	0.00	11.43	-11.43
Sub Total NER	-500	0			0.00	11.43	-11.43
Total IR Exch	7281	6369			195.29	19.20	176.08

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
28.65	0.31	28.96	2.05	-12.39	5.78		6.03	-6.03
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
42.82	122.22	165.04	24.01	152.07	176.08	-18.81	29.85	11.05

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	-30	0	34	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	1.28	10.84	47.93	59.29	18.63	10.07	1.25	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)			
50.31	0.01	49.71	9.17	50.00	0.075	0.087	50.29	49.91	40.71

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	404	01:08	394	16:17	0.0	0.0	0.0	0.0	0.0
Gorakhpur	400	412	22:03	400	11:37	0.0	0.0	0.0	0.0	0.0
Bareilly(PG)400kV	400	424	05:01	396	16:05	0.0	0.0	2.6	0.0	2.6
Kanpur	400	411	05:01	401	11:36	0.0	0.0	0.2	0.0	0.2
Dadri	400	428	05:01	402	11:35	0.0	0.0	25.8	0.0	25.8
Ballabgarh	400	432	01:59	406	11:34	0.0	0.0	40.4	7.3	40.4
Bawana	400	428	01:52	406	11:34	0.0	0.0	37.3	0.0	37.3
Bassi	400	424	05:01	389	11:42	0.0	0.0	4.1	0.0	4.1
Hissar	400	422	21:54	398	11:35	0.0	0.0	1.4	0.0	1.4
Moga	400	420	01:47	402	11:37	0.0	0.0	0.0	0.0	0.0
Abdullapur	400	427	21:31	408	11:34	0.0	0.0	29.6	0.0	29.6
Nalagarh	400	434	01:53	411	11:36	0.0	0.0	58.8	21.9	58.8
Kishenpur	400	423	01:51	398	18:35	0.0	0.0	10.8	0.0	10.8
Wagoora	400	396	13:02	369	18:24	40.4	79.7	0.0	0.0	40.4
Amritsar	400	428	01:01	410	11:34	0.0	0.0	41.9	0.0	41.9
Kashipur	400	423	04:59	412	17:50	0.0	0.0	9.9	0.0	9.9
Hamirpur	400	425	01:49	404	10:15	0.0	0.0	41.2	0.0	41.2
Rishikesh	400	423	05:00	398	11:36	0.0	0.0	3.2	0.0	3.2

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	772	19:59	737	11:37	0.0	3.3	0.0	0.0	0.0
Balia	765	767	05:01	738	11:37	0.0	4.8	0.0	0.0	0.0
Moga	765	801	20:00	767	11:35	0.0	0.0	0.0	0.0	0.0
Agra	765	792	21:54	751	08:33	0.0	0.0	0.0	0.0	0.0
Bhiwani	765	804	05:00	766	11:34	0.0	0.0	19.5	0.0	19.5
Unnao	765	773	05:02	736	11:37	0.0	33.7	0.0	0.0	0.0
Lucknow	765	788	05:02	752	11:37	0.0	0.0	0.0	0.0	0.0
Meerut	765	809	19:59	769	11:37	0.0	0.0	9.8	0.0	9.8
Jhatikara	765	809	01:59	765	11:37	0.0	0.0	26.6	0.0	26.6
Bareilly 765 kV	765	795	05:01	751	14:39	0.0	0.0	0.0	0.0	0.0
Anta	765	781	04:59	755	11:38	0.0	0.0	0.0	0.0	0.0
Phagi	765	791	05:02	744	11:38	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	501.48	1153.36	498.30	1029.80	159.54	478.41
Pong	426.72	384.05	411.61	544.90	405.88	370.28	71.81	425.77
Tehri	829.79	740.04	803.80	671.47	811.00	822.28	72.88	208.00
Koteswar	612.50	598.50	610.26	4.69	609.91	4.44	208.00	203.00
Chamera-I	760.00	748.75	758.45	0.00	0.00	0.00	50.40	49.52
Rihand	268.22	252.98	849.40	245.90	852.00	288.00	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	498.97	3.27	507.14	0.50	49.79	140.49

* 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	-727	363	0	-1114	305	0	-18.70	7.79	-10.91
Delhi	-1024	-99	0	-577	647	0	-16.32	9.89	-6.43
Haryana	-331	214	0	-356	220	0	-8.42	5.04	-3.37
HP	164	174	0	429	120	0	9.97	0.17	10.14
J&K	644	0	0	628	197	0	14.23	0.48	14.71
CHD	-30	0	0	0	0	0	-0.24	0.17	-0.08
Rajasthan	-7	666	2	-7	551	2	8.57	14.82	23.39
UP	97	0	0	-275	0	0	-3.83	0.00	-3.83
Uttarakhand	194	162	0	225	372	0	4.77	6.69	11.46
Total	-1020	1480	2	-1048	2412	2	-9.97	45.05	35.08

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-709	-1114	365	225	0	0
Delhi	-403	-1024	956	-139	0	0
Haryana	-331	-356	246	-190	0	0
HP	588	164	180	-628	0	0
J&K	707	476	222	-101	0	0
CHD	0	-30	44	-41	0	0
Rajasthan	730	-7	677	315	2	2
UP	161	-402	0	0	0	0
Uttarakhand	225	194	484	124	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 28.12.2015 :
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 :