

पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पावसिड की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)



उत्तरी क्षेत्रीय भार प्रेषण केंद्र

CIN: U40105DL2009GO1188682

Power Supply Position in Northern Region for 27.12.2015
Date of Reporting : 28.12.2015

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
38048	1616	39664	50.08	30331	499	30831	50.14	814.2	37.12

* 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	41.07	10.52		51.59	35.19	33.82	-1.37	85.41	0.00
Haryana	49.41	0.08		49.48	58.48	58.12	-0.36	107.60	0.00
Rajasthan	133.86	4.48	1.91	140.25	74.99	76.94	1.94	217.18	0.00
Delhi	13.87			13.87	45.71	45.22	-0.48	59.09	0.00
UP	134.96	3.08		138.04	99.14	100.15	1.02	238.19	26.50
Uttarakhand		9.94		9.94	24.28	24.48	0.20	34.42	0.13
HP		2.91		2.91	21.33	21.47	0.14	24.38	0.00
J & K		7.70	0.00	7.70	36.28	36.97	0.69	44.67	10.50
Chandigarh				0.00	3.59	3.29	0.27	3.29	0.00
Total	373.17	38.69	1.91	413.77	398.99	400.45	2.04	814.23	37.12

* 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	3632	0	-183	-823	2729	0	-16	-359	5039
Haryana	5738	0	-296	-150	3557	0	93	-78	5738
Rajasthan	9233	0	-73	633	8717	0	166	690	10105
Delhi	2962	0	-126	-18	1481	0	206	-1220	3573
UP	11419	1090	-31	-320	9903	180	61	109	11419
Uttarakhand	1717	40	-52	520	1212	0	23	353	1805
HP	1233	0	-75	472	835	0	87	327	1367
J&K	1943	486	-88	821	1808	319	61	651	2063
Chandigarh	172	0	-28	0	90	0	-4	-31	198
Total	38048	1616	-952	1134	30331	499	677	444	38048

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

Diversity is 1.09

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	1780	1891	1457	40.25	1677	39.88	0.37
	Rihand I STPS (2*500)	1000	817	800	703	16.26	677	15.88	0.37
	Rihand II STPS (2*500)	1000	967	737	775	19.10	796	19.21	-0.11
	Rihand III STPS (2*500)	1000	974	874	666	19.48	812	19.83	-0.35
	Dadri I STPS (4*210)	840	810	283	269	6.97	290	7.16	-0.19
	Dadri II STPS (2*490)	980	980	337	321	8.42	351	8.95	-0.52
	Unchahar I TPS (2*210)	420	406	332	285	7.11	296	7.75	-0.63
	Unchahar II TPS (2*210)	420	404	310	280	6.69	279	7.11	-0.42
	Unchahar III TPS (1*220)	210	202	155	138	3.33	139	3.52	-0.19
	I-STPP (Jhailhar) (3*500)	1500	1500	621	626	14.06	586	14.42	-0.36
	Dadri GPS (4*130.19+2*154.51)	830	709	358	342	7.70	321	8.03	-0.33
	Anta GPS (3*88.71+1*153.2)	419	421	181	198	4.63	193	4.96	-0.33
	Auraiya GPS (4*111.19+2*109.30)	663	660	299	290	5.87	245	5.97	-0.10
	Dadri Solar	5	1	0	0	0.02	1	0.02	0.00
	Unchahar Solar	10	1	0	0	0.03	1	0.02	0.00
	Singrauli Solar	15	2	0	0	0.01	0	0.05	-0.04
	KHEP	800	870	649	0	2.54	106	2.61	-0.07
	Sub Total (A)	12112	11504	7827	6350	162	6769	165	-3
B. NPC	NAPS (2*220)	440	390	390	390	9.36	390	9.36	0.00
	RAPS- B (2*220)	440	405	445	443	9.65	402	9.72	-0.07
	RAPS- C (2*220)	440	425	458	463	9.98	416	10.20	-0.22
	Sub Total (B)	1320	1293	1293	1296	28.99	1208	29.28	-0.29
C. NHPC	Chamera I HPS (3*180)	540	540	497	0	1.84	77	1.62	0.22
	Chamera II HPS (3*100)	300	300	0	0	1.33	55	1.20	0.13
	Chamera III HPS (3*77)	231	154	155	0	0.79	33	0.70	0.09
	Bairasuli HPS (3*60)	180	124	124	0	0.38	16	0.38	0.00
	Salal-HPS (6*115)	690	106	230	114	2.71	113	2.56	0.16
	Tanakpur-HPS (3*40)	94	19	31	20	0.56	23	0.47	0.09
	Uri-I HPS (4*120)	480	194	310	141	4.80	200	4.66	0.14
	Uri-II HPS (4*60)	240	115	105	124	2.80	117	2.75	0.05
	Dhauliganga-HPS (4*70)	280	210	207	0	0.82	34	0.77	0.05
	Dulhasti-HPS (3*130)	390	258	266	0	3.47	145	3.30	0.17
	Sewa-II HPS (3*40)	120	119	126	0	0.41	17	0.37	0.05
	Parbati 3 (4*130)	520	0	0	0	0.81	34	0.00	0.81
	Sub Total (C)	4065	2139	2052	400	21	863	19	2
D.SJVNL	NJPC (6*250)	1500	1605	1605	0	6.62	276	6.65	-0.03
	Rampur HEP (6*68.67)	412	344	300	0	1.82	76	1.78	0.04
	Sub Total (D)	1912	1949	1905	0	8.44	352	8.43	0.02
E. THDC	Tehri HPS (4*250)	1000	984	981	0	8.16	340	8.00	0.16
	Koteshwar HPS (4*100)	400	125	290	90	3.06	127	3.01	0.05
	Sub Total (E)	1400	1109	1271	90	11.21	467	11.01	0.20
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	659	1206	375	15.89	662	15.82	0.07
	Dehar HPS (6*165)	990	140	495	0	3.44	143	3.36	0.08
	Pong HPS (6*66)	396	239	324	60	5.73	239	5.73	0.00
	Sub Total (F)	2765	1038	2025	435	25.07	1044	24.91	0.16
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*36)	192	0	77	0	0.47	19	0.44	0.02
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	630	0	3.75	156	3.72	0.04
	Malana Stg-II HPS (2*50)	100	0	0	0	0.00	0	0.00	0.00
	Shree Cement TPS (2*150)	300	0	263	171	5.56	231	5.48	0.07
	Budhil HPS(IPP) (2*35)	70	0	38	0	0.19	8	0.19	0.00
	Sub Total (G)	1662	0	1008	171	9.97	415	9.84	0.13
H. Total Regional Entities (A-G)		25237	18960	17380	8741	266.85	11119	267.58	-0.74

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	283	190	3.88	162	
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	0	0	-0.02	-1	
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	407	421	9.18	383	
	Goindwal(GVK)		0	0	0.00	0	
	Rajpura (2*700)	1400	701	699	19.91	830	
	Talwandi Saboo (2*660)	1320	357	338	8.12	338	
	Thermal (Total)	5360	1748	1648	41.07	1711	
	Total Hydro	1000	452	411	10.52	438	
Total Punjab	6360	2200	2059	51.59	2149		
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00	0	
	DCRTPP (Yamuna nagar) (2*300)	600	549	464	11.47	478	
	Faridabad GPS (NTPC)	432	0	0	0.00	0	
	RGTPP (khedar) (IPP) (2*600)	1200	807	792	18.68	778	
	Magnum Diesel (IPP)	25	0	0	0.00	0	
	Jhajjar(CLP) (2*660)	1320	1046	738	19.26	803	
	Thermal (Total)	4944	2402	1994	49.41	2059	
	Total Hydro	62	11	10	0.08	3	
	Total Haryana	5006	2413	2004	49.48	2062	
	Rajasthan	kota TPS (2*110+2*195+3*210)	1240	695	852	19.02	793
		suratgarh TPS (6*250)	1500	578	580	14.31	596
Chabra TPS (4*250)		1000	566	620	14.40	600	
Dholpur GPS (3*110)		330	0	108	1.87	78	
Ramgarh GPS (1*37.5 + 1*35.5 +2*37.5 +1*110 +1*50)		271	215	215	5.28	220	
RAPS A (NPC) (1*100+1*200)		300	162	166	4.06	169	
Barsingsar (NLC) (2*125)		250	76	77	1.67	70	
Giral LTPS (2*125)		250	0	0	0.00	0	
Rajwest LTPS (IPP) (8*135)		1080	961	961	23.19	966	
VS LIGNITE LTPS (IPP) (1*135)		135	0	0	0.00	0	
Kalisindh Thermal(2*600)		1200	932	930	23.58	982	
Kawai(Adani) (2*660)		1320	1057	1147	26.48	1103	
Thermal (Total)		8876	5242	5656	134	5578	
Total Hydro		550	180	180	4.48	186	
Wind power		3214	47	0	1.20	50	
Biomass		99	20	20	0.47	20	
Solar		730	4	0	0.24	10	
Renewable/Others (Total)		4043	71	20	1.91	80	
Total Rajasthan		13469	5493	5856	140.25	5844	
UP		Anpara TPS (3*210+2*500)	1630	1390	809	26.70	1113
		Obra TPS (2*50+2*94+5*200)	1194	369	369	8.60	358
		Paricha TPS (2*110+2*220+2*250)	1140	986	887	22.20	925
		Panki TPS (2*105)	210	0	0	0.00	0
	Harduaganj TPS (1*60+1*105+2*250)	665	446	446	10.00	417	
	Tanda TPS (NTPC) (4*110)	440	391	278	8.36	348	
	Roza TPS (IPP) (4*300)	1200	378	383	10.80	450	
	Anpara-C (IPP) (2*600)	1200	803	1080	20.50	854	
	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	375	439	8.60	358	
	Bara(1*660)	660	0	0	0.00	0	
	Thermal (Total)	9949	5138	4691	116	4823	
	Vishnuparyag HPS (IPP)(4*110)	440	80	84	1.90	79	
	Alakananda(4*82.5)	330	51	51	1.10	46	
	Other Hydro	527	58	19	0.08	3	
	Cogeneration	981	800	800	19.20	800	
Total UP	12227	6127	5645	138	5752		
Uttarakhand	Total Hydro	1398	617	325	9.94	414	
	Total Uttarakhand	1398	617	325	9.94	414	
Delhi	Rajghat TPS (2*67.5)	135	0	0	0.00	0	
	Delhi Gas Turbine (6x30 + 3x34)	282	34	33	0.88	37	
	Pragati Gas Turbine (2x104+ 1x122)	330	139	141	3.37	141	
	Rithala GPS (3*36)	95	0	0	0.00	0	
	Bawana GPS (4*216+2*253)	1370	252	251	6.05	252	
	Badarpur TPS (NTPC) (3*95+2*210)	705	168	164	3.57	149	
	Thermal (Total)	2917	592	589	13.87	578	
	Total Delhi	2917	592	589	13.87	578	
HP	Baspa HPS (IPP) (3*100)	300	0	0	0.13	6	
	Malana HPS (IPP) (2*43)	86	0	0	0.14	6	
	Other Hydro	878	139	68	2.64	110	
	Total HP	1264	139	68	2.91	121	
J & K	Baglihar 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	17917	16852	413.77	17241	
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]			6279	5621	150.94	6289	
Total Regional Availability(Gross)		69078	41577	31214	831.56	34648	

IV. Total Hydro Generation:

Regional Entities Hydro	12234	8608	925	72.19	3008
State Control Area Hydro	6581	1924	1454	39	1612
Total Regional Hydro	18815	10532	2379	110.88	4620

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)	50	300	300	50	1.95	0.27	1.68
765 KV Gwalior-Agra (D/C)	2641	2615	3185	0	67.41	0.00	67.41
400 KV Zerda-Kankroli	-109	-91	30	156	0.00	1.92	-1.92
400 KV Zerda-Bhinmal	-18	-9	146	121	0.15	0.00	0.15
220 KV Auraiya-Malanpur	-79	-58	0	91	0.00	1.48	-1.48
220 KV Badod-Kota/Morak	0	-28	0	36	0.02	0.00	0.02
Mundra-Mohindergarh(HVDC Bipole)	2502	1701	2507	0	53.48	0.00	53.48
400 KV Vindhyachal - Rihand	0	0	0	0	0.00	0.00	0.00
765 kV Phagi-Gwalior (D/C)	925	864	1179	0	23.27	0.00	23.27
Sub Total WR	5912	5294			146.28	3.67	142.60
Pusaui Bypass/HVDC	0	0	0	0	0.00	0.00	0.00
400 KV MZP- GKP (D/C)	292	-58	292	376	0.00	3.09	-3.09
400 KV Patna-Balia(D/C) X 2	379	379	557	0	10.81	0.00	10.81
400 KV B'Sharif-Balia (D/C)	-152	9	93	152	0.00	0.46	-0.46
765 KV Gaya-Balia	121	201	239	0	2.40	0.00	2.40
765 KV Gaya-Fatehpur	37	90	301	0	3.71	0.00	3.71
220 KV Pusaui-Sahupuri	0	0	0	0	0.00	0.00	0.00
132 KV K'nasa-Sahupuri	0	0	0	0	0.00	0.00	0.00
132 KV Son Ngr-Rihand	-27	-27	0	30	0.00	0.60	-0.60
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	-213	-135	73	222	0.00	2.02	-2.02
400 KV Barh -GKP (D/C)	430	368	482	0	9.62	0.00	9.62
Sub Total ER	867	827			26.53	6.16	20.37
+/- 800 KV BiswanathCharialli-Agra	-500	-500	0	500	0.00	12.03	-12.03
Sub Total NER	-500	-500			0.00	12.03	-12.03
Total IR Exch	6279	5621			172.80	21.86	150.94

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
30.56	0.28	30.83	2.32	-12.39	7.46	29.22	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
46.65	110.54	157.19	8.33	142.60	150.94	-38.32	32.06	-6.26

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	-33	-33	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	0.08	8.07	48.96	63.61	16.22	10.24	1.90	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)			
50.30	23.58	49.79	5.13	50.01	0.065	50.30	49.99	36.39	

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	05:04	397	10:11	0.0	0.0	0.0	0.0	0.0
Gorakhpur	400	0	00:00	9999	00:00	0.0	0.0	0.0	0.0	0.0
Bareilly(PG)400kV	400	422	05:02	403	10:11	0.0	0.0	1.0	0.0	1.0
Kanpur	400	411	05:02	402	10:11	0.0	0.0	9.9	0.0	9.9
Dadri	400	427	04:02	404	11:22	0.0	0.0	34.4	0.0	34.4
Ballabgarh	400	433	04:02	408	11:20	0.0	0.0	60.9	5.7	60.9
Bawana	400	429	04:02	407	11:20	0.0	0.0	44.7	0.0	44.7
Bassi	400	424	20:25	394	09:17	0.0	0.0	7.9	0.0	7.9
Hissar	400	422	20:49	398	11:41	0.0	0.0	1.2	0.0	1.2
Moga	400	421	20:48	400	11:22	0.0	0.0	0.6	0.0	0.6
Abdullapur	400	428	01:58	407	11:40	0.0	0.0	44.7	0.0	44.7
Nalagarh	400	434	02:01	411	11:21	0.0	0.0	67.5	14.7	67.5
Kishenpur	400	425	13:01	400	10:04	0.0	0.0	5.4	0.0	5.4
Wagoora	400	407	13:01	368	18:11	40.0	80.0	0.0	0.0	40.0
Amritsar	400	428	01:56	408	10:06	0.0	0.0	50.4	0.0	50.4
Kashipur	400	422	05:00	413	10:08	0.0	0.0	11.8	0.0	11.8
Hamirpur	400	422	20:54	404	11:35	0.0	0.0	35.7	0.0	35.7
Rishikesh	400	420	05:04	397	10:08	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	780	05:03	737	10:11	0.0	4.9	0.0	0.0	0.0
Balia	765	775	05:03	734	17:56	0.0	7.6	0.0	0.0	0.0
Moga	765	805	20:55	759	11:43	0.0	0.0	2.4	0.0	2.4
Agra	765	797	04:02	749	09:17	0.0	0.0	0.0	0.0	0.0
Bhiwani	765	805	20:49	764	11:18	0.0	0.0	8.6	0.0	8.6
Unhao	765	766	21:52	739	00:00	0.0	66.4	0.0	0.0	0.0
Lucknow	765	792	05:03	753	17:56	0.0	0.0	0.0	0.0	0.0
Meerut	765	813	20:52	764	09:17	0.0	0.0	11.0	0.0	11.0
Jhatikara	765	810	04:01	766	11:21	0.0	0.0	27.8	0.0	27.8
Bareilly 765 kV	765	794	05:03	758	10:11	0.0	0.0	0.0	0.0	0.0
Anta	765	780	05:02	758	08:55	0.0	0.0	0.0	0.0	0.0
Phagi	765	793	05:03	747	09:15	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	501.67	1166.44	498.49	1029.80	145.66	474.59
Pong	426.72	384.05	411.77	555.85	406.04	370.28	78.10	370.78
Tehri	829.79	740.04	804.20	690.87	811.30	822.60	81.26	210.00
Koteshwar	612.50	598.50	610.49	4.83	610.05	4.69	210.00	201.31
Chamera-I	760.00	748.75	758.44	0.00	0.00	0.00	50.22	49.34
Rihand	268.22	252.98	849.40	245.90	852.10	289.60	0.00	0.00
RPS	352.80	343.81	1138.78	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	499.19	2.84	507.66	1.27	55.45	206.50

* 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	-725	366	0	-1118	295	0	-18.66	8.17	-10.49
Delhi	-1004	-216	0	-580	561	0	-15.71	6.76	-8.95
Haryana	-346	269	0	-362	212	0	-8.73	5.02	-3.71
HP	137	190	0	425	47	0	9.33	-0.99	8.34
J&K	651	0	0	625	196	0	14.17	0.27	14.44
CHD	-31	0	0	0	0	0	-0.24	0.00	-0.24
Rajasthan	-7	695	2	-7	638	2	8.53	15.24	23.77
UP	109	0	0	-320	0	0	-4.55	0.00	-4.55
Uttarakhand	193	161	0	224	297	0	4.78	5.98	10.76
Total	-1022	1464	2	-1114	2246	2	-11.08	40.45	29.36

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-709	-1118	366	293	0	0
Delhi	-367	-1004	907	-216	0	0
Haryana	-346	-372	271	24	0	0
HP	544	137	190	-696	0	0
J&K	703	475	221	-102	0	0
CHD	0	-31	25	-51	0	0
Rajasthan	726	-7	799	370	2	2
UP	130	-462	0	0	0	0
Uttarakhand	224	193	396	137	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 27.12.2015 :
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 :