

पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पावसिस्टम की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)



उत्तरी क्षेत्रीय भार प्रेषण केंद्र

CIN: U40105DL2009GO188682

Power Supply Position in Northern Region for 22.12.2015
Date of Reporting : 23.12.2015

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
40198	2065	42263	50.02	29877	371	30248	50.09	845.0	44.07

* 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	52.68	12.30		64.98	35.16	34.72	-0.45	99.70	0.00
Haryana	53.29	0.42		53.71	60.04	56.07	-3.97	109.78	0.00
Rajasthan	137.12	4.92	3.28	145.31	74.15	76.12	1.96	221.43	1.43
Delhi	13.97			13.97	48.42	49.60	1.17	63.57	0.28
UP	138.97	4.60		143.57	95.53	96.50	0.97	240.08	31.51
Uttarakhand		9.89		9.89	24.72	27.00	2.28	36.89	0.75
HP		4.08		4.08	21.79	22.98	1.18	27.06	0.00
J & K		5.56	0.00	5.56	36.65	37.24	0.58	42.80	10.11
Chandigarh				0.00	3.75	3.75	0.00	3.75	0.00
Total	396.03	41.77	3.28	441.08	400.22	403.96	4.01	845.04	44.07

* 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	4884	0	149	0	2982	0	186	0	5179
Haryana	5627	0	-285	0	3371	0	-58	0	5627
Rajasthan	10301	0	110	0	8437	0	104	0	10339
Delhi	3337	8	-60	0	1502	0	328	0	3654
UP	10579	1480	-138	0	9834	85	163	0	10704
Uttarakhand	1881	75	40	0	1223	0	75	0	1881
HP	1382	0	33	0	817	0	86	0	1441
J&K	2008	502	190	0	1622	286	-57	0	2013
Chandigarh	199	0	-13	0	90	0	5	0	217
Total	40198	2065	27	0	29877	371	833	0	40198

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

Diversity is 1.02

III. Regional Entities :

Entity	Station/Constituent	Inst. Capacity (Effective) MW	Declared Capacity(MW)	Peak MW (Gross)	Off Peak MW (Gross)	Energy (Net MU)	Average Sentout(MW)	Schedule	UI (OG:(+ve), UG:(-ve))	
									Net MU	Net MU
A. NTPC	Singrauli STPS (5*200+2*500)	2000	1367	1056	1652	31.99	1333	30.74	1.24	
	Rihand I STPS (2*500)	1000	875	941	729	19.81	825	19.54	0.27	
	Rihand II STPS (2*500)	1000	959	1026	784	21.59	900	21.04	0.55	
	Rihand III STPS (2*500)	1000	973	1031	849	22.20	925	21.97	0.23	
	Dadri I STPS (4*210)	840	810	398	308	7.82	326	8.12	-0.30	
	Dadri II STPS (2*490)	980	980	470	339	9.86	411	10.51	-0.65	
	Unchahar I TPS (2*210)	420	406	387	279	8.26	344	8.42	-0.17	
	Unchahar II TPS (2*210)	420	404	373	287	7.99	333	8.04	-0.05	
	Unchahar III TPS (1*220)	210	202	202	146	4.06	169	4.03	0.03	
	ISTPP (Jhajar) (3*500)	1500	1500	635	625	14.83	618	15.19	-0.36	
	Dadri GPS (4*130.19+2*154.51)	830	810	364	356	7.83	326	8.04	-0.21	
	Anta GPS (3*88.71+1*153.2)	419	420	205	176	5.06	211	5.00	0.07	
	Auraiya GPS (4*111.19+2*109.30)	663	659	241	207	5.40	225	5.40	0.00	
	Dadri Solar	5	1	0	0	0.01	1	0.02	0.00	
	Unchahar Solar	10	1	0	0	0.02	1	0.02	0.00	
	Singrauli Solar	15	2	0	0	0.03	1	0.04	-0.01	
	KHEP	800	850	596	674	2.55	106	2.55	0.00	
Sub Total (A)	12112	11218	7925	7411	169	7054	169	1		
B. NPC	NAPS (2*220)	440	198	224	227	4.74	198	4.75	-0.01	
	RAPS- B (2*220)	440	403	446	447	9.71	405	9.67	0.04	
	RAPS- C (2*220)	440	425	460	461	9.98	416	10.20	-0.22	
	Sub Total (B)	1320	1026	1130	1135	24.44	1018	24.62	-0.19	
C. NHPC	Chamera I HPS (3*180)	540	540	148	0	1.86	77	1.62	0.24	
	Chamera II HPS (3*100)	300	300	301	0	1.36	57	1.20	0.16	
	Chamera III HPS (3*77)	231	154	0	0	0.78	32	0.70	0.08	
	Bairasuli HPS(3*60)	180	124	125	0	0.53	22	0.48	0.05	
	Salal-HPS (6*115)	690	110	230	115	3.16	132	2.68	0.48	
	Tanakpur-HPS (3*40)	94	20	28	16	0.58	24	0.47	0.11	
	Uri-I HPS (4*120)	480	216	146	212	5.57	232	5.19	0.38	
	Uri-II HPS (4*60)	240	128	171	126	3.27	136	3.08	0.19	
	Dhauliganga-HPS (4*70)	280	210	212	0	0.82	34	0.77	0.05	
	Dulhasti-HPS (3*130)	390	258	272	0	3.52	147	3.30	0.22	
	Sewa-II HPS (3*40)	120	119	127	0	0.76	32	0.60	0.16	
	Parbati 3 (4*130)	520	0	0	0	0.81	34	0.00	0.81	
	Sub Total (C)	4065	2180	1759	470	23	959	20	3	
	D. SJVNL	NJPC (6*250)	1500	1080	1094	0	7.24	302	7.00	0.24
Rampur HEP (6*68.67)		412	275	281	0	2.03	85	1.88	0.15	
Sub Total (D)		1912	1355	1375	0	9.27	386	8.87	0.39	
E. THDC	Tehri HPS (4*250)	1000	1000	976	0	7.97	332	7.80	0.17	
	Koteshwar HPS (4*100)	400	121	202	100	2.93	122	2.90	0.03	
	Sub Total (E)	1400	1121	1178	100	10.90	454	10.70	0.20	
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	689	1206	375	16.70	696	16.53	0.16	
	Dehar HPS (6*165)	990	132	480	0	3.18	133	3.16	0.02	
	Pong HPS (6*66)	396	280	384	60	6.46	269	6.72	-0.27	
	Sub Total (F)	2765	1101	2070	435	26.34	1097	26.42	-0.08	
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*36)	192	0	109	0	0.51	21	0.49	0.02	
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	630	0	3.95	164	3.84	0.11	
	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	186	5.91	246	5.71	0.20	
	Budhil HPS(IPP) (2*35)	70	0	38	0	0.19	8	0.19	0.00	
	Sub Total (G)	1662	0	1041	186	10.56	440	10.23	0.33	
H. Total Regional Entities (A-G)	25237	18000	16478	9736	273.82	11409	269.61	4.21		

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	0	160	2.57	107	
	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	415	205	6.01	250	
	Goindwal(GVK)	0	0	0	0.00	0	
	Rajpura (2*700)	1400	1317	713	24.14	1006	
	Talwandi Saboo (2*660)	1320	700	682	19.99	833	
	Thermal (Total)	5360	2432	1760	52.68	2195	
	Total Hydro	1000	584	434	12.30	513	
Total Punjab	6360	3016	2194	64.98	2708		
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00	0	
	DCRTPP (Yamuna nagar) (2*300)	600	554	467	12.39	516	
	Faridabad GPS (NTPC)	432	0	0	0.00	0	
	RGTPP (khedar) (IPP) (2*600)	1200	1132	786	21.54	897	
	Magnum Diesel (IPP)	25	0	0	0.00	0	
	Jhajjar(CLP) (2*660)	1320	1153	739	19.37	807	
	Thermal (Total)	4944	2839	1992	53.29	2221	
	Total Hydro	62	10	10	0.42	17	
	Total Haryana	5006	2849	2002	53.71	2238	
	Rajasthan	kota TPS (2*110+2*195+3*210)	1240	932	862	21.84	910
		suratgarh TPS (6*250)	1500	676	571	15.34	639
Chabra TPS (4*250)		1000	399	536	13.05	544	
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	215	223	5.28	220	
RAPS A (NPC) (1*100+1*200)		300	162	163	4.03	168	
Barsingsar (NLC) (2*125)		250	91	94	2.06	86	
Giral LTPS (2*125)		250	69	76	1.37	57	
Rajwest LTPS (IPP) (8*135)		1080	948	965	22.36	932	
VS LIGNITE LTPS (IPP) (1*135)		135	0	0	0.00	0	
Kalisindh Thermal(2*600)		1200	1091	931	24.77	1032	
Kawai(Adani) (2*660)		1320	1201	864	27.01	1126	
Thermal (Total)		8876	5784	5285	137	5713	
Total Hydro		550	333	195	4.92	205	
Wind power		3214	93	177	2.86	119	
Biomass		99	14	14	0.34	14	
Solar		730	1	0	0.08	3	
Renewable/Others (Total)		4043	108	191	3.28	136	
Total Rajasthan		13469	6225	5671	145.31	6055	
UP		Anpara TPS (3*210+2*500)	1630	1384	1289	32.50	1354
		Obra TPS (2*50+2*94+5*200)	1194	448	452	10.60	442
		Paricha TPS (2*110+2*220+2*250)	1140	923	776	20.70	863
		Panki TPS (2*105)	210	0	0	0.00	0
		Harduaganj TPS (1*60+1*105+2*250)	665	444	440	10.30	429
		Tanda TPS (NTPC) (4*110)	440	386	270	8.27	345
		Roza TPS (IPP) (4*300)	1200	374	383	11.00	458
	Anpara-C (IPP) (2*600)	1200	1081	1080	24.60	1025	
	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	1.80	75	
	Thermal (Total)	9949	5040	4690	120	4991	
	Vishnuparyag HPS (IPP)(4*110)	440	84	82	2.00	83	
	Alakananda(4*82.5)	330	50	47	1.20	50	
	Other Hydro	527	60	21	1.40	58	
	Cogeneration	981	800	800	19.20	800	
	Total UP	12227	6034	5640	144	5982	
	Uttarakhand	Total Hydro	1398	616	312	9.89	412
Total Uttarakhand		1398	616	312	9.89	412	
Delhi	Rajghat TPS (2*67.5)	135	0	0	-0.02	-1	
	Delhi Gas Turbine (6x30 + 3x34)	282	30	31	0.82	34	
	Pragati Gas Turbine (2x104+ 1x122)	330	141	141	3.37	141	
	Rithala GPS (3*36)	95	0	0	0.00	0	
	Bawana GPS (4*216+2*253)	1370	252	251	6.07	253	
	Badarpur TPS (NTPC) (3*95+2*210)	705	190	165	3.73	155	
	Thermal (Total)	2917	614	588	13.97	582	
Total Delhi	2917	614	588	13.97	582		
HP	Baspa HPS (IPP) (3*100)	300	0	0	1.07	44	
	Malana HPS (IPP) (2*43)	86	40	0	0.24	10	
	Other Hydro	878	143	74	2.77	116	
	Total HP	1264	183	74	4.08	170	
J & K	Baglihar HPS (IPP) (3*150)	450	143	143	3.43	143	
	Other Hydro/IPP	560	111	80	2.13	89	
	Gas/Diesel/Others	190	0	0	0.00	0	
	Total J & K	1200	254	223	5.56	232	
Total State Control Area Generation		43841	19791	16704	441.08	18378	
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]			7303	5974	174.76	7282	
Total Regional Availability(Gross)		69078	43571	32414	889.66	37069	

IV. Total Hydro Generation:

Regional Entities Hydro	12234	7717	1679	76.52	3189
State Control Area Hydro	6581	2174	1398	42	1741
Total Regional Hydro	18815	9891	3077	118.30	4929

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)	400		50		400	200	5.16	1.02	4.14
765 KV Gwalior-Agra (D/C)	2821		2510		3229	0	68.10	0.00	68.10
400 KV Zerda-Kankroli	-132		-259		0	305	0.00	4.03	-4.03
400 KV Zerda-Bhinmal	-17		-192		112	260	0.00	1.77	-1.77
220 KV Auraiya-Malanpur	-66		-44		0	70	0.00	1.20	-1.20
220 KV Badod-Kota/Morak	-3		-57		0	61	0.00	0.98	-0.98
Mundra-Mohindergarh(HVDC Bipole)	2497		2098		2507	0	57.25	0.00	57.25
400 KV Vindhyachal - Rihand	0		0		0	0	0.00	0.00	0.00
765 kV Phagi-Gwalior (D/C)	943		894		577	0	22.30	0.00	22.30
Sub Total WR	6443		5000				152.81	9.00	143.81
Pusauli Bypass/HVDC	0		200		200	0	1.89	0.00	1.89
400 KV MZP- GKP (D/C)	420		58		528	0	4.84	0.00	4.84
400 KV Patna-Balia(D/C) X 2	477		460		704	0	12.53	0.00	12.53
400 KV B'Sharif-Balia (D/C)	-76		-6		139	146	0.00	-2.07	2.07
765 KV Gaya-Balia	117		196		265	0	4.27	0.00	4.27
765 KV Gaya-Fatehpur	49		118		343	0	4.45	0.00	4.45
220 KV Pusauli-Sahupuri	165		119		171	0	3.37	0.00	3.37
132 KV K'nasa-Sahupuri	0		0		0	0	0.00	0.00	0.00
132 KV Son Ngr-Rihand	-24		-27		0	28	0.00	0.58	-0.58
132 KV Garhwa-Rihand	0		0		0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	-148		-83		119	148	0.00	0.53	-0.53
400 KV Barh -GKP (D/C)	380		439		476	0	10.24	0.00	10.24
Sub Total ER	1360		1474				41.59	-0.96	42.56
+/- 800 KV BiswanathChariali-Agra	-500		-500		0	500	0.00	11.61	-11.61
Sub Total NER	-500		-500				0.00	11.61	-11.61
Total IR Exch	7303		5974				194.40	19.65	174.76

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
31.10	0.39	31.49	1.13	-12.39	10.59	23.41	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
49.25	107.13	156.38	30.95	143.81	174.76	-18.30	36.68	18.38

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	-0.77

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	0.13	3.10	26.14	69.90	63.55	7.91	2.42	0.00	0.00

←----- 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)			
50.17	21.56	49.68	14.38	49.95	0.086	0.080	50.18	49.89	36.45

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	05:30	391	17:38	0.0	0.0	0.0	0.0	0.0
Gorakhpur	400	422	21:48	402	11:16	0.0	0.0	1.9	0.0	1.9
Bareilly(PG)400kV	400	422	05:02	397	11:19	0.0	0.0	0.8	0.0	0.8
Kanpur	400	411	05:01	398	11:16	0.0	0.0	16.5	0.0	16.5
Dadri	400	426	02:59	401	11:16	0.0	0.0	23.2	0.0	23.2
Ballabgarh	400	434	05:01	404	11:15	0.0	0.0	39.8	12.4	39.8
Bawana	400	429	02:58	404	11:16	0.0	0.0	31.1	0.0	31.1
Bassi	400	426	05:01	394	09:25	0.0	0.0	6.2	0.0	6.2
Hissar	400	422	05:00	396	11:16	0.0	0.0	2.2	0.0	2.2
Moga	400	420	02:28	397	11:15	0.0	0.0	0.0	0.0	0.0
Abdullapur	400	426	20:43	405	06:38	0.0	0.0	26.5	0.0	26.5
Nalagarh	400	434	02:30	404	12:04	0.0	0.0	43.9	6.6	43.9
Kishenpur	400	427	02:57	400	11:15	0.0	0.0	15.2	0.0	15.2
Wagoora	400	411	13:03	376	10:50	12.4	60.3	0.0	0.0	12.4
Amritsar	400	429	02:30	407	09:19	0.0	0.0	43.3	0.0	43.3
Kashipur	400	422	21:53	414	22:14	0.0	0.0	8.8	0.0	8.8
Hamirpur	400	423	04:00	400	11:15	0.0	0.0	38.8	0.0	38.8
Rishikesh	400	414	21:56	397	22:21	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	785	05:03	735	11:19	0.0	6.5	0.0	0.0	0.0
Balia	765	786	02:59	748	11:17	0.0	0.0	0.0	0.0	0.0
Moga	765	797	02:31	760	09:24	0.0	0.0	0.0	0.0	0.0
Agra	765	802	05:01	749	11:19	0.0	0.0	0.3	0.0	0.3
Bhiwani	765	808	05:02	761	11:22	0.0	0.0	17.4	0.0	17.4
Unnao	765	780	21:52	728	11:15	0.0	11.5	0.0	0.0	0.0
Lucknow	765	793	03:02	751	11:16	0.0	0.0	0.0	0.0	0.0
Meerut	765	815	05:01	765	11:19	0.0	0.0	21.2	0.0	21.2
Jhatikara	765	815	05:00	765	11:15	0.0	0.0	25.7	0.0	25.7
Bareilly 765 kV	765	793	05:01	748	11:19	0.0	0.0	0.0	0.0	0.0
Anta	765	785	05:05	758	22:15	0.0	0.0	0.0	0.0	0.0
Phagi	765	796	05:04	746	09:30	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	502.65	1205.87	499.38	1064.89	148.95	508.26
Pong	426.72	384.05	412.50	577.87	406.86	397.88	80.39	413.91
Tehri	829.79	740.04	805.95	724.00	812.90	862.00	41.44	203.00
Koteshwar	612.50	598.50	610.76	4.95	610.00	4.44	203.00	193.00
Chamera-I	760.00	748.75	758.37	0.00	0.00	0.00	57.06	50.02
Rihand	268.22	252.98	849.50	247.50	852.70	299.60	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	500.74	4.25	507.74	2.46	45.14	175.39

* 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	0	0	0	0	0	0	0.00	0.00	0.00
Delhi	0	0	0	0	0	0	0.00	0.00	0.00
Haryana	0	0	0	0	0	0	0.00	0.00	0.00
HP	0	0	0	0	0	0	0.00	0.00	0.00
J&K	0	0	0	0	0	0	0.00	0.00	0.00
CHD	0	0	0	0	0	0	0.00	0.00	0.00
Rajasthan	0	0	0	0	0	0	0.00	0.00	0.00
UP	0	0	0	0	0	0	0.00	0.00	0.00
Uttarakhand	0	0	0	0	0	0	0.00	0.00	0.00
Total	0	0	0	0	0	0	0.00	0.00	0.00

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	0	0	0	0	0	0
Delhi	0	0	0	0	0	0
Haryana	0	0	0	0	0	0
HP	0	0	0	0	0	0
J&K	0	0	0	0	0	0
CHD	0	0	0	0	0	0
Rajasthan	0	0	0	0	0	0
UP	0	0	0	0	0	0
Uttarakhand	0	0	0	0	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 22.12.2015 :
Normal.

XV. Synchronisation of new generating units :

XVI. Synchronisation of new 220 / 400 / 765 KV lines and energising of bus / substation :
1) GT#2 of 765/21 kV first time charging from LV side is done at 22:45 Hrs.on dated 22.12.15

XVII. Tripping of lines in pooling stations :

XVIII. Complete generation loss in a generating station :