

पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(एकमात्र की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)



उत्तरी क्षेत्रीय भार प्रेषण केंद्र

CIN: U40105DL2009GOI188682

Power Supply Position in Northern Region for 14.12.2015

Date of Reporting : 15.12.2015

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
39204	1536	40740	50.12	27312	284	27597	50.09	799.2	38.00

* 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 MU:

State	State's Control Area Generation (Net MU)				Drawal Schedule		UI (Net MU)	Consumption (Net MU)	Shortages* (MU)
	Thermal	Hydro	Renewable/others \$	Total	(Net MU)	(Net MU)			
Punjab	39.99	10.93		50.93	43.21	42.40	-0.81	93.32	0.00
Haryana	48.09	0.39		48.49	65.26	63.91	-1.35	112.40	0.00
Rajasthan	120.74	5.05	7.66	133.45	77.94	78.92	0.98	212.38	0.49
Delhi	13.46			13.46	45.31	45.47	0.16	58.93	0.02
UP	115.39	4.46		119.84	100.91	98.94	-1.97	218.78	25.32
Uttarakhand		7.09		7.09	25.38	25.99	0.61	33.09	1.11
HP		5.11		5.11	19.20	19.19	-0.01	24.30	1.04
J & K		6.83	0.00	6.83	36.14	35.66	-0.48	42.49	10.02
Chandigarh				0.00	3.52	3.50	0.27	3.50	0.00
Total	337.68	39.86	7.66	385.20	416.87	413.98	-2.60	799.18	38.00

* 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	STOAPX transaction	Demand Met	Shortage	UI	STOAPX transaction	
Punjab	4863	0	12	-763	2564	0	-148	-368	4863
Haryana	6253	0	44	-80	3170	0	-111	-90	6253
Rajasthan	9653	0	-142	641	7986	0	225	682	9825
Delhi	3085	0	-76	-252	1466	0	74	-1251	3349
UP	10297	910	-612	-141	8665	0	96	97	10297
Uttarakhand	1755	75	97	466	1052	0	20	368	1755
HP	1185	70	-212	180	711	0	39	188	1341
J&K	1924	481	77	661	1612	284	-130	642	1953
Chandigarh	189	0	-13	-20	86	0	-2	-30	198
Total	39204	1536	-825	693	27312	284	63	238	39204

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

figures are at 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 Net MU	UI Net MU
A. NTPC	Singrauli STPS (5*200+2*500)	2000	1760	2021	1470	40.13	1672	39.22	0.91
	Rihand I STPS (2*500)	1000	858	854	676	18.44	769	18.30	0.15
	Rihand II STPS (2*500)	1000	973	966	617	20.19	841	20.38	-0.18
	Rihand III STPS (2*500)	1000	973	1023	709	20.83	868	20.78	0.05
	Dadri I STPS (4*210)	840	642	451	293	7.51	313	7.89	-0.39
	Dadri II STPS (2*490)	980	980	341	348	8.45	352	8.91	-0.46
	Unchahar I TPS (2*210)	420	406	298	280	7.70	321	7.91	-0.21
	Unchahar II TPS (2*210)	420	404	314	273	7.62	318	7.85	-0.23
	Unchahar III TPS (1*220)	210	202	154	134	3.79	158	3.91	-0.12
	ISTPP (Jhajjar) (3*500)	1500	1500	880	625	15.82	659	16.24	-0.42
	Dadri GPS (4*130, 19+2*154.51)	830	550	590	578	14.37	599	14.75	-0.39
	Anta GPS (3*88.71+1*153.2)	419	417	197	214	5.40	225	5.87	-0.46
	Auraiya GPS (4*111.19+2*109.30)	663	658	290	298	6.14	256	6.43	-0.28
	Dadri Solar	5	1	0	0	0.02	1	0.02	0.00
	Unchahar Solar	10	1	0	0	0.03	1	0.02	0.01
	Singrauli Solar	15	2	0	0	0.05	2	0.04	0.00
	KHEP	800	655	0	0	2.91	121	2.70	0.21
Sub Total (A)	12112	10980	8379	6515	179	7475	181	-2	
B. NPC	NAPS (2*220)	440	202	228	228	4.87	203	4.85	0.02
	RAPS- B (2*220)	440	401	437	444	9.59	399	9.62	-0.04
	RAPS- C (2*220)	440	418	469	461	9.97	416	10.03	-0.06
	Sub Total (B)	1320	1021	1134	1133	24.43	1018	24.50	-0.07
C. NHPC	Chamera I HPS (3*180)	540	540	550	0	4.86	202	4.40	0.46
	Chamera II HPS (3*100)	300	300	308	0	1.39	58	1.20	0.19
	Chamera III HPS (3*77)	231	154	0	0	0.88	37	0.75	0.13
	Bairasuli HPS (3*60)	180	124	122	0	0.65	27	0.60	0.05
	Salal-HPS (6*115)	690	133	248	201	3.88	161	3.21	0.66
	Tanakpur-HPS (3*40)	94	20	31	19	0.64	27	0.49	0.15
	Uri-I HPS (4*120)	480	281	310	313	7.30	304	6.70	0.60
	Uri-II HPS (4*60)	240	167	186	163	4.20	175	4.01	0.19
	Dhauliganga-HPS (4*70)	280	140	140	0	1.06	44	1.00	0.06
	Dulhasti-HPS (3*130)	390	387	405	0	3.60	150	3.40	0.20
	Sewa-II HPS (3*40)	120	0	0	0	0.00	0	0.00	0.00
Parbati 3 (4*130)	520	130	133	0	0.81	34	0.68	0.12	
Sub Total (C)	4065	2376	2432	695	29	1219	26	3	
D.SJVNL	NJPC (6*250)	1500	1350	1364	0	8.41	351	8.38	0.03
	Rampur HEP (6*68.67)	412	370	373	0	2.39	100	2.32	0.07
	Sub Total (D)	1912	1720	1737	0	10.81	450	10.70	0.10
E. THDC	Tehri HPS (4*250)	1000	1024	1000	0	6.67	278	6.50	0.17
	Koteshwar HPS (4*100)	400	100	101	101	2.41	101	2.40	0.01
	Sub Total (E)	1400	1124	1101	101	9.09	379	8.90	0.19
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	675	1179	347	16.20	675	16.21	-0.01
	Dehar HPS (6*165)	990	157	495	0	3.82	159	3.76	0.06
	Pong HPS (6*66)	396	255	324	0	6.18	258	6.11	0.07
	Sub Total (F)	2765	1087	1998	347	26.20	1092	26.08	0.13
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	53	0	0.52	22	0.50	0.02
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	630	0	4.67	195	4.56	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	173	5.66	236	5.67	-0.02
	Budhil HPS(IPP) (2*35)	70	0	38	0	0.20	8	0.19	0.00
Sub Total (G)	1662	0	984	173	11.04	460	10.93	0.11	
H. Total Regional Entities (A-G)	25237	18308	17765	8964	290.23	12093	288.76	1.47	

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	3.65	152
	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	255	205	4.85	202
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	1192	703	23.93	997
	Talwandi Saboo (2*660)	1320	322	309	7.60	317
	Thermal (Total)	5360	1929	1377	39.99	1666
	Total Hydro	1000	555	389	10.93	456
Total Punjab	6360	2484	1766	50.93	2122	
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00	0
	DCRTPP (Yamuna nagar) (2*300)	600	548	485	12.27	511
	Faridabad GPS (NTPC)	432	0	0	0.00	0
	RGTPP (kheadar) (IPP) (2*600)	1200	577	393	11.37	474
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	1115	727	24.45	1019
	Thermal (Total)	4944	2240	1605	48.09	2004
	Total Hydro	62	23	18	0.39	16
Total Haryana	5006	2263	1623	48.49	2020	
Rajasthan	kota TPS (2*110+2*195+3*210)	1240	1068	944	24.30	1012
	suratgarh TPS (6*250)	1500	649	606	15.43	643
	Chabra TPS (4*250)	1000	427	406	9.27	386
	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	190	214	5.05	210
	RAPS A (NPC) (1*100+1*200)	300	161	162	4.03	168
	Barsingar (NLC) (2*125)	250	184	187	4.28	178
	Giral LTPS (2*125)	250	0	0	0.00	0
	Rajwest LTPS (IPP) (8*135)	1080	839	845	19.73	822
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(2*600)	1200	579	480	12.29	512
	Kawal(Adani) (2*660)	1320	1199	963	26.37	1099
	Thermal (Total)	8876	5296	4807	121	5031
	Total Hydro	550	286	247	5.05	210
	Wind power	3214	139	150	4.40	183
	Biomass	99	28	28	0.67	28
	Solar	730	0	0	2.60	108
	Renewable/Others (Total)	4043	167	178	7.66	319
Total Rajasthan	13469	5749	5232	133.45	5561	
UP	Anpara TPS (3*210+2*500)	1630	1391	301	31.86	1327
	Obra TPS (2*50+2*94+5*200)	1194	451	311	8.55	356
	Paricha TPS (2*110+2*220+2*250)	1140	483	437	11.57	482
	Panki TPS (2*105)	210	0	0	0.00	0
	Harduaganj TPS (1*60+1*105+2*250)	665	443	329	9.34	389
	Tanda TPS (NTPC) (4*110)	440	270	270	6.81	284
	Roza TPS (IPP) (4*300)	1200	383	378	9.23	384
	Anpara-C (IPP) (2*600)	1200	1080	630	21.24	885
	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	4501	2656	99	4108
	Vishnupuriyag HPS (IPP)(4*110)	440	95	92	2.19	91
	Alaknanda(4*82.5)	330	53	59	1.36	57
	Other Hydro	527	56	21	0.91	38
	Cogeneration	981	700	700	16.80	700
	Total UP	12227	5405	3528	120	4993
Uttarakhand	Total Hydro	1398	449	178	7.09	296
	Total Uttarakhand	1398	449	178	7.09	296
Delhi	Rajghat TPS (2*67.5)	135	0	0	-0.01	0
	Delhi Gas Turbine (6x30 + 3x34)	282	29	38	0.38	16
	Pragati Gas Turbine (2x104+ 1x122)	330	143	141	3.40	141
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	254	250	6.03	251
	Badarpur TPS (NTPC) (3*95+2*210)	705	165	165	3.67	153
	Thermal (Total)	2917	591	594	13.46	561
Total Delhi	2917	591	594	13.46	561	
HP	Baspa HPS (IPP) (3*100)	300	51	0	1.31	55
	Malana HPS (IPP) (2*43)	86	36	0	0.30	12
	Other Hydro	878	193	124	3.50	146
	Total HP	1264	280	124	5.11	213
J & K	Baglihar HPS (IPP) (3*150)	450	300	150	4.80	200
	Other Hydro/IPP	560	102	76	2.03	85
	Gas/Diesel/Others	190	0	0	0.00	0
	Total J & K	1200	402	226	6.83	285
Total State Control Area Generation		43841	17623	13271	385.20	16050
J. Net Inter Regional Exchange (Import (+ve)/Export (-ve))			6361.89	6716.3	158.24	6593
Total Regional Availability(Gross)		69078	41749	28952	833.68	34737

IV. Total Hydro Generation:

Regional Entities Hydro	12234	7951	1143	83.45	3477
State Control Area Hydro	6581	2199	1354	40	1661
Total Regional Hydro	18815	10150	2497	123.32	5138

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	-400	350	400	2.43	4.04	-1.61
765 KV Gwalior-Agra (D/C)	2542	2196	2992	0	61.11	0.00	61.11
400 KV Zerda-Kankrol	-84	-151	0	191	0.00	2.99	-2.99
400 KV Zerda-Bhinmal	17	-62	130	128	0.00	0.68	-0.68
220 KV Auraiya-Malanpur	-87	-69	0	118	0.00	1.69	-1.69
220 KV Badod-Kota/Morak	-22	-24	12	74	0.00	1.05	-1.05
Mundra-Mohindergar(HVDC Bipole)	1599	2503	2506	0	52.36	0.00	52.36
400 KV Vindhychal - Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Phagi-Gwalior (D/C)	1062	959	1396	0	27.93	0.00	27.93
Sub Total WR	5377	4952			143.83	10.45	133.38
Pusaali Bypass/HVDC	250	250	250	0	6.04	0.00	6.04
400 KV MZP- GKP (D/C)	-454	108	173	520	0.00	1.83	-1.83
400 KV Patna-Balia(D/C) X 2	253	479	567	0	9.60	0.00	9.60
400 KV B Sharif-Balia (D/C)	-260	76	98	272	0.00	0.76	-0.76
765 KV Gaya-Balia	183	222	222	0	1.71	0.00	1.71
765 KV Gaya-Fatehpur	130	147	478	0	5.71	0.00	5.71
220 KV Pusaali-Sahupuri	131	129	172	0	2.92	0.00	2.92
132 KV Knasa-Sahupuri	0	0	0	0	0.96	0.00	0.96
132 KV Son Ngr-Rihand	-26	-22	0	30	0.00	0.57	-0.57
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	-134	-27	252	172	0.58	0.00	0.58
400 KV Barh -GKP (D/C)	412	402	468	0	9.50	0.00	9.50
Sub Total ER	485	1764			37.04	3.15	33.88
+/- 800 KV BiswanathCharialli-Agra	500	0	0	500	0.00	9.02	-9.02
Sub Total NER	500	0			0.00	9.02	-9.02
Total IR Exch	6362	6716			180.86	22.62	158.24

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
29.88	0.55	30.44	-0.80	-11.83	10.01	23.76	6.03	-6.03
Total IR Schedule (MU)			Total IR Actual (MU)				Net IR UI (MU)	
Through ER	Through WR Incids Mndra	Total	Through ER(including NER)	Through WR	Total	Through ER(including NER)	Through WR	Total
45.68	106.10	151.78	24.86	133.38	158.24	-20.82	27.27	6.46

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	-34	-30	0	34	0	1	-0.74

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	1.67	18.09	55.43	62.11	13.14	6.16	1.04	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	Hz			(Hz)	(Hz)		
50.31	18.01	49.71	6.41	49.98	0.077	50.20	49.90	37.89

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	>420 kV	>430 kV	
Rihand	400	406	04:08	392	16:55	0.0	0.0	0.0	0.0	0.0
Gorakhpur	400	424	05:04	400	17:28	0.0	0.0	10.9	0.0	10.9
Bareilly(PG)400kV	400	426	05:03	385	16:55	0.0	0.0	11.8	0.0	11.8
Kanpur	400	411	05:02	395	16:22	0.0	0.0	15.7	0.0	15.7
Dadri	400	429	05:02	400	16:23	0.0	0.0	28.0	0.0	28.0
Ballabgarh	400	434	05:01	403	16:25	0.0	0.0	43.1	18.3	43.1
Bawana	400	430	05:02	404	16:23	0.0	0.0	41.8	0.0	41.8
Bassi	400	425	21:24	388	08:23	0.0	0.5	6.3	0.0	6.3
Hissar	400	421	05:02	394	11:51	0.0	0.0	0.3	0.0	0.3
Moga	400	420	02:00	398	09:33	0.0	0.0	0.0	0.0	0.0
Abdullapur	400	428	21:46	403	16:21	0.0	0.0	30.4	0.0	30.4
Nalagarh	400	434	21:00	406	09:34	0.0	0.0	45.2	13.2	45.2
Kishenpur	400	426	02:48	398	18:17	0.0	0.0	17.8	0.0	17.8
Wagoora	400	405	04:00	373	18:34	13.0	56.8	0.0	0.0	13.0
Amritsar	400	428	21:33	402	09:12	0.0	0.0	30.1	0.0	30.1
Kashipur	400	420	00:00	419	00:06	0.0	0.0	0.0	0.0	0.0
Hamirpur	400	417	02:25	397	09:38	0.0	0.0	0.0	0.0	0.0
Rishikesh	400	414	00:00	412	00:06	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	776	05:02	733	16:25	0.0	15.1	0.0	0.0	0.0
Balia	765	791	05:02	747	17:44	0.0	0.0	0.0	0.0	0.0
Moga	765	797	02:02	755	09:35	0.0	0.0	0.0	0.0	0.0
Agra	765	796	05:01	747	08:35	0.0	0.0	0.0	0.0	0.0
Bhiwani	765	807	05:02	760	11:42	0.0	0.0	17.2	0.0	17.2
Unnao	765	779	22:55	732	10:26	0.0	20.4	0.0	0.0	0.0
Lucknow	765	799	05:02	749	17:44	0.0	0.0	0.0	0.0	0.0
Mesrut	765	814	05:01	762	16:25	0.0	0.0	31.6	0.0	31.6
Jhatikara	765	814	02:02	764	11:12	0.0	0.0	28.9	0.0	28.9
Bareilly 765 kV	765	35	05:01	32	13:41	100.0	100.0	0.0	0.0	100.0
Anta	765	787	20:03	732	16:58	0.0	0.1	0.0	0.0	0.0
Phagi	765	796	05:01	745	08:16	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	504.27	1272.20	500.52	1114.30	213.03	501.49
Pong	426.72	384.05	413.71	622.40	408.05	435.19	69.74	389.64
Tehri	829.79	740.04	808.65	775.95	815.05	903.26	66.42	158.00
Koteshwar	612.50	598.50	611.13	4.95	609.94	4.44	158.00	158.98
Chamera-I	760.00	748.75	758.66	0.00	0.00	0.00	87.02	131.00
Rihand	268.22	252.98	849.60	249.10	853.20	307.90	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	503.05	3.90	508.49	0.22	70.65	184.37

* 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	-729	361	0	-1056	293	0	-17.82	7.27	-10.55
Delhi	-1146	-104	0	-566	315	0	-17.54	3.97	-13.58
Haryana	-344	253	0	-369	289	0	-8.73	6.79	-1.94
HP	90	98	0	274	-94	0	6.73	-2.15	4.57
J&K	642	0	0	528	134	0	13.46	0.22	13.68
CHD	-30	0	0	0	-20	0	-0.24	-0.19	-0.44
Rajasthan	-7	687	2	-7	646	2	8.65	15.36	24.02
UP	97	0	0	-141	0	0	-2.04	0.00	-2.04
Uttarakhand	193	175	0	225	241	0	4.80	6.92	11.71
Total	-1234	1470	2	-1113	1804	2	-12.73	38.17	25.45

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-650	-1056	361	223	0	0
Delhi	-562	-1146	615	-247	0	0
Haryana	-344	-369	308	250	0	0
HP	409	90	98	-666	0	0
J&K	642	523	148	-166	0	0
CHD	0	-30	0	-51	0	0
Rajasthan	728	-7	1053	182	2	2
UP	144	-219	0	0	0	0
Uttarakhand	225	193	546	123	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 14.12.2015 :

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 :