

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 29.12.2015

Date of Reporting : 30.12.2015

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
39415	1867	41282	0.00	29971	415	30386	50.09	831.1	41.93

* 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	44.83	11.30		56.13	38.58	37.06	-1.52	93.19	0.00
Haryana	47.71	0.38		48.09	63.10	61.51	-1.59	109.60	0.00
Rajasthan	133.64	5.04	2.81	141.49	77.80	80.17	2.37	221.66	0.44
Delhi	13.86			13.86	48.04	48.67	0.62	62.53	0.11
UP	124.20	4.90		129.10	100.18	99.98	-0.20	229.08	29.72
Uttarakhand		9.84		9.84	24.65	26.55	1.90	36.39	0.63
HP		3.89		3.89	22.42	25.55	3.13	29.44	0.32
J & K		7.70	0.00	7.70	36.63	37.88	1.25	45.58	10.72
Chandigarh				0.00	3.79	3.63	0.27	3.63	0.00
Total	364.23	43.05	2.81	410.10	415.18	420.99	6.23	831.09	41.93

* 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	4203	0	-108	-807	2748	0	-243	-363	5125
Haryana	5895	11	31	-156	3363	0	-14	-142	5895
Rajasthan	9751	0	208	474	8603	0	255	687	10315
Delhi	3215	0	-33	98	1487	0	205	-1266	3640
UP	10738	1260	-33	-287	9784	95	-13	120	10738
Uttarakhand	1806	75	-28	600	1243	0	80	340	1931
HP	1569	11	190	479	841	0	76	352	1636
J&K	2043	511	28	840	1812	320	69	654	2097
Chandigarh	195	0	-10	0	90	0	-3	-30	215
Total	39415	1867	245	1241	29971	415	412	351	39415

UI [OD:(+ve), UD:(-ve)]

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

Diversity is 1.06

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	
										UI
A. NTPC	Singrauli STPS (5*200+2*500)	2000	1620	1554	1590	38.08	1587	37.06	1.02	
	Rihand I STPS (2*500)	1000	878	798	718	18.87	786	18.63	0.24	
	Rihand II STPS (2*500)	1000	960	791	774	20.90	871	20.29	0.61	
	Rihand III STPS (2*500)	1000	974	898	769	21.41	892	21.13	0.28	
	Dadri I STPS (4*210)	840	810	352	300	7.45	310	7.78	-0.33	
	Dadri II STPS (2*490)	980	980	450	347	9.30	387	9.86	-0.57	
	Unchahar I TPS (2*210)	420	406	399	285	7.99	333	8.07	-0.08	
	Unchahar II TPS (2*210)	420	404	331	273	7.41	309	7.39	0.02	
	Unchahar III TPS (1*220)	210	202	187	133	3.84	160	3.81	0.03	
	ISTPP (Jhajjar) (3*500)	1500	1500	827	624	14.75	615	15.04	-0.29	
	Dadri GPS (4*130.19+2*154.51)	830	813	406	377	9.76	407	10.10	-0.34	
	Anta GPS (3*88.71+1*153.2)	419	420	-3	229	3.01	125	3.25	-0.25	
	Auraiya GPS (4*111.19+2*109.30)	663	661	244	269	6.12	255	6.21	-0.09	
	Dadri Solar	5	1	0	0	0.02	1	0.02	0.00	
	Unchahar Solar	10	1	0	0	0.02	1	0.03	-0.01	
	Singrauli Solar	15	2	0	0	0.05	2	0.05	0.00	
	KHEP	800	870	0	0	2.66	111	2.61	0.05	
	Sub Total (A)	12112	11502	7234	6688	172	7151	171	0	
	B. NPC	NAPS (2*220)	440	356	427	381	7.73	322	8.53	-0.81
		RAPS- B (2*220)	440	402	442	446	9.59	399	9.65	-0.06
RAPS- C (2*220)		440	425	456	460	9.91	413	10.20	-0.29	
Sub Total (B)		1320	1183	1325	1287	27.23	1135	28.38	-1.15	
C. NHPC	Chamera I HPS (3*180)	540	540	505	0	1.88	78	1.62	0.26	
	Chamera II HPS (3*100)	300	300	305	0	1.37	57	1.15	0.22	
	Chamera III HPS (3*77)	231	229	159	0	0.79	33	0.70	0.09	
	Bairasuli HPS(3*60)	180	124	125	0	0.61	26	0.54	0.08	
	Salal-HPS (6*115)	690	119	230	145	3.55	148	2.86	0.69	
	Tanakpur-HPS (3*40)	94	18	31	27	0.57	24	0.44	0.13	
	Uri-I HPS (4*120)	480	184	228	128	4.77	199	4.42	0.35	
	Uri-II HPS (4*60)	240	110	83	82	2.75	114	2.65	0.10	
	Dhauliganga-HPS (4*70)	280	210	211	0	0.90	37	0.75	0.15	
	Dulhasti-HPS (3*130)	390	384	386	0	3.09	129	3.00	0.09	
	Sewa-II HPS (3*40)	120	119	124	0	0.40	17	0.37	0.03	
	Parbati 3 (4*130)	520	0	0	0	0.81	34	0.00	0.81	
	Sub Total (C)	4065	2338	2388	382	21	895	18	3	
D.SJVNL	NJPC (6*250)	1500	1350	1060	0	7.45	310	7.14	0.31	
	Rampur HEP (6*68.67)	412	344	297	0	2.03	84	1.94	0.08	
	Sub Total (D)	1912	1694	1357	0	9.47	395	9.08	0.39	
E. THDC	Tehri HPS (4*250)	1000	984	978	0	8.39	350	8.20	0.19	
	Koteshwar HPS (4*100)	400	125	304	91	3.09	129	3.01	0.08	
	Sub Total (E)	1400	1109	1282	91	11.49	479	11.21	0.28	
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	660	1208	377	16.16	673	15.84	0.32	
	Dehar HPS (6*165)	990	137	495	0	3.28	137	3.28	0.00	
	Pong HPS (6*66)	396	240	384	60	5.75	240	5.77	-0.02	
	Sub Total (F)	2765	1037	2087	437	25.19	1050	24.88	0.31	
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	50	0	0.50	21	0.48	0.02	
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	630	0	3.96	165	3.84	0.13	
	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	180	5.64	235	5.58	0.06	
	Budhil HPS(IPP) (2*35)	70	0	38	0	0.16	6	0.15	0.00	
	Sub Total (G)	1662	0	980	180	10.27	428	10.05	0.22	
H. Total Regional Entities (A-G)	25237	18863	16653	9065	276.76	11532	273.43	3.33		

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	325	320	6.81	284
	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	478	404	9.31	388
	Goindwal(GVK)	0	0	0	0.00	0
	Raipura (2*700)	1400	712	704	21.40	892
	Talwandi Saboo (2*660)	1320	240	409	7.33	305
	Thermal (Total)	5360	1755	1837	44.83	1868
	Total Hydro	1000	592	294	11.30	471
	Total Punjab	6360	2347	2131	56.13	2339
	Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00
DCRTPP (Yamuna nagar) (2*300)		600	545	459	11.79	491
Faridabad GPS (NTPC)		432	41	0	0.80	34
RGTPP (kheadar) (IPP) (2*600)		1200	552	788	14.24	593
Magnum Diesel (IPP)		25	0	0	0.00	0
Jhajjar(CLP) (2*660)		1320	1108	739	20.87	870
Thermal (Total)		4944	2246	1986	47.71	1988
Total Hydro		62	12	10	0.38	16
Total Haryana		5006	2258	1996	48.09	2004
Rajasthan		kota TPS (2*110+2*195+3*210)	1240	701	612	15.71
	suratgarh TPS (6*250)	1500	586	574	15.27	636
	Chabra TPS (4*250)	1000	608	457	14.35	598
	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	213	216	5.28	220
	RAPS A (NPC) (1*100+1*200)	300	165	167	4.10	171
	Barsingsar (NLC) (2*125)	250	162	75	2.81	117
	Giral LTPS (2*125)	250	0	0	0.00	0
	Rajwest LTPS (IPP) (8*135)	1080	961	961	23.27	970
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(2*600)	1200	957	944	25.07	1044
	Kawai(Adani) (2*660)	1320	1219	1155	27.79	1158
	Thermal (Total)	8876	5572	5161	134	5568
	Total Hydro	550	226	198	5.04	210
	Wind power	3214	7	179	2.13	89
	Biomass	99	24	24	0.59	24
	Solar	730	2	0	0.09	4
	Renewable/Others (Total)	4043	33	203	2.81	117
	Total Rajasthan	13469	5831	5562	141.49	5896
	UP	Anpara TPS (3*210+2*500)	1630	923	950	22.10
Obra TPS (2*50+2*94+5*200)		1194	493	461	11.20	467
Paricha TPS (2*110+2*220+2*250)		1140	1002	950	22.00	917
Panki TPS (2*105)		210	0	0	0.00	0
Harduaganj TPS (1*80+1*105+2*250)		665	443	448	10.30	429
Tanda TPS (NTPC) (4*110)		440	384	378	8.80	367
Roza TPS (IPP) (4*300)		1200	554	388	11.90	496
Anpara-C (IPP) (2*600)		1200	791	801	18.70	779
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	4590	4376	105	4375
Vishnuparyag HPS (IPP)(4*110)		440	80	80	1.90	79
Alakanada(4*82.5)		330	57	55	1.20	50
Other Hydro		527	72	20	1.80	75
Cogeneration		981	800	800	19.20	800
Total UP		12227	5599	5331	129	5379
Uttarakhand	Total Hydro	1398	615	327	9.84	410
	Total Uttarakhand	1398	615	327	9.84	410
Delhi	Rajghat TPS (2*67.5)	135	0	0	-0.01	-1
	Delhi Gas Turbine (6x30 + 3x34)	282	34	33	0.83	35
	Prahati Gas Turbine (2x104+ 1x122)	330	142	142	3.37	141
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	252	252	6.05	252
	Badarpur TPS (NTPC) (3*95+2*210)	705	168	163	3.63	151
	Thermal (Total)	2917	596	590	13.86	577
	Total Delhi	2917	596	590	13.86	577
HP	Baspa HPS (IPP) (3*100)	300	113	0	1.30	54
	Malana HPS (IPP) (2*43)	86	34	0	0.21	9
	Other Hydro	878	123	69	2.38	99
	Total HP	1264	270	69	3.89	162
J & K	Badlihar HPS (IPP) (3*150)	450	240	240	5.76	240
	Other Hydro/IPP	560	98	66	1.94	81
	Gas/Diesel/Other	190	0	0	0.00	0
	Total J & K	1200	338	306	7.70	321
Total State Control Area Generation		43841	17854	16312	410.10	17087
J. Net Inter Regional Exchange [import(+ve)/Export(-ve)]			8218	7488	170.84	7118
Total Regional Availability(Gross)		69078	42725	32865	857.69	35737

IV. Total Hydro Generation:

Regional Entities Hydro	12234	7793	910	74.77	3115
State Control Area Hydro	6581	2262	1359	43	1794
Total Regional Hydro	18815	10055	2269	117.82	4909

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	150	150	350	1.44	1.73	-0.29
765 KV Gwalior-Agra (D/C)	2838	2356	3338	0	67.04	0.00	67.04
400 KV Zarda-Kankrol	-60	-126	19	180	0.00	1.90	-1.90
400 KV Zarda-Bhimmal	31	-68	133	151	0.00	0.01	-0.01
220 KV Auraiya-Malanpur	-48	-69	0	98	0.00	1.56	-1.56
220 KV Badod-Kota/Morak	55	-15	30	35	0.33	0.00	0.33
Mundra-Mohindergarh(HVDC Bipole)	2503	2497	2506	0	60.45	0.00	60.45
400 KV Vindhyachal - Rihand	0	0	0	0	0.00	0.00	0.00
765 kV Phagi-Gwalior (D/C)	919	685	617	0	22.16	0.00	22.16
Sub Total WR	6188	5410			151.41	5.20	146.21
Pusaui Bypass/HVDC	400	400	400	0	9.02	0.00	9.02
400 KV MZP- GKP (D/C)	290	60	-138	486	0.00	3.06	-3.06
400 KV Patna-Balia(D/C) X 2	471	506	807	0	13.40	0.00	13.40
400 KV B'Sharif-Balia (D/C)	-101	-4	104	-140	0.00	0.70	-0.70
765 KV Gaya-Balia	155	195	277	0	2.37	0.00	2.37
765 KV Gaya-Fatehpur	118	115	440	0	5.13	0.00	5.13
220 KV Pusaui-Sahupuri	163	150	178	0	2.93	0.00	2.93
132 KV K'nasa-Sahupuri	0	0	0	0	0.00	0.00	0.00
132 KV Son Ngr-Rihand	-26	-24	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	-160	-136	157	193	0.00	1.15	-1.15
400 KV Barh -GKP (D/C)	220	416	462	0	8.25	0.00	8.25
Sub Total ER	1530	1678			41.10	5.51	35.58
+/- 800 KV BiswanathChariali-Agra	500	400	0	500	0.00	10.96	-10.96
Sub Total NER	500	400			0.00	10.96	-10.96
Total IR Exch	8218	7488			192.51	21.67	170.84

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
32.68	0.31	33.00	1.81	-14.99	10.18		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
51.01	108.79	159.80	24.62	146.21	170.84	-26.39	37.43	11.04

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	-30	-33	0	34	0	1	-0.76

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	0.71	8.53	27.08	68.58	61.09	9.71	2.12	0.00	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)			
50.19	5.00	49.65	11.38	49.95	0.112	0.092	50.15	0.00	38.91

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	402	00:00	395	10:46	0.0	0.0	0.0	0.0	0.0
Gorakhpur	400	418	05:02	395	11:22	0.0	0.0	0.0	0.0	0.0
Bareilly(PG)400kV	400	421	20:57	396	11:21	0.0	0.0	0.1	0.0	0.1
Kanpur	400	411	20:58	397	11:16	0.0	0.0	0.0	0.0	0.0
Dadri	400	424	01:59	398	11:13	0.0	0.0	21.2	0.0	21.2
Ballabgarh	400	430	01:59	401	11:20	0.0	0.0	37.8	0.0	37.8
Bawana	400	427	01:59	401	11:20	0.0	0.0	31.9	0.0	31.9
Bassi	400	424	20:56	232	17:02	29.0	29.0	6.6	0.0	35.6
Hissar	400	422	20:55	393	11:20	0.0	0.0	1.5	0.0	1.5
Moga	400	422	20:56	397	11:20	0.0	0.0	1.4	0.0	1.4
Abdullapur	400	421	01:48	397	11:12	0.0	0.0	0.6	0.0	0.6
Nalagarh	400	434	01:58	403	11:21	0.0	0.0	46.3	14.6	46.3
Kishenpur	400	422	13:02	396	11:20	0.0	0.0	0.1	0.0	0.1
Wagoora	400	399	13:02	370	11:11	33.2	88.4	0.0	0.0	33.2
Amritsar	400	427	00:57	403	11:22	0.0	0.0	41.4	0.0	41.4
Kashipur	400	421	04:03	411	10:11	0.0	0.0	2.9	0.0	2.9
Hamirpur	400	424	02:58	406	06:59	0.0	0.0	17.9	0.0	17.9
Rishikesh	400	419	04:19	396	10:10	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	774	20:55	728	11:20	0.0	14.0	0.0	0.0	0.0
Balia	765	770	05:01	728	11:22	0.0	8.6	0.0	0.0	0.0
Moga	765	804	20:56	754	11:22	0.0	0.0	1.9	0.0	1.9
Agra	765	792	21:00	741	11:18	0.0	0.1	0.0	0.0	0.0
Bhiwani	765	804	20:56	750	11:21	0.0	0.0	1.5	0.0	1.5
Unnao	765	759	00:44	754	00:00	0.0	0.0	0.0	0.0	0.0
Lucknow	765	787	05:02	742	11:20	0.0	0.0	0.0	0.0	0.0
Meerut	765	810	20:57	755	11:20	0.0	0.0	4.8	0.0	4.8
Jhatikara	765	806	01:59	755	11:21	0.0	0.0	19.4	0.0	19.4
Bareilly 765 kV	765	790	20:56	745	11:20	0.0	0.0	0.0	0.0	0.0
Anta	765	779	05:02	752	10:08	0.0	0.0	0.0	0.0	0.0
Phagi	765	787	05:02	741	10:09	0.0	1.4	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	501.29	1153.36	498.12	1018.16	157.05	475.86
Pong	426.72	384.05	411.47	544.90	405.71	361.16	77.56	369.28
Tehri	829.79	740.04	803.40	669.00	810.70	816.00	81.58	217.00
Koteswar	612.50	598.50	610.28	4.69	609.95	4.40	217.00	203.62
Chamera-I	760.00	748.75	758.50	0.00	0.00	0.00	54.97	50.57
Rihand	268.22	252.98	849.40	245.90	851.90	286.30	0.00	0.00
RPS	352.80	343.81	0.00	0.00	0.00	0.00	0.00	0.00
Jawahar Sagar	296.70	295.78	0.00	0.00	0.00	0.00	0.00	0.00
RSD	527.91	487.91	498.65	3.67	506.94	2.91	57.97	160.71

* 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	364	0	-1114	307	0	-18.70	8.09	-10.61
Delhi	-1075	-191	0	-607	705	0	-16.99	8.65	-8.34
Haryana	-393	251	0	-366	209	0	-9.13	5.41	-3.71
HP	215	137	0	429	50	0	10.43	-0.60	9.83
J&K	654	0	0	668	172	0	14.61	0.30	14.91
CHD	-30	0	0	0	0	0	-0.24	0.21	-0.03
Rajasthan	-7	692	2	-7	479	2	6.06	14.89	20.95
UP	120	0	0	-287	0	0	-3.38	0.00	-3.38
Uttarakhand	194	146	0	225	376	0	4.77	6.60	11.37
Total	-1050	1399	2	-1060	2299	2	-12.58	43.55	30.98

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-709	-1114	364	259	0	0
Delhi	-409	-1075	873	-191	0	0
Haryana	-366	-419	254	-23	0	0
HP	599	164	137	-661	0	0
J&K	746	486	197	-101	0	0
CHD	0	-30	39	-51	0	0
Rajasthan	536	-7	703	-34	2	2
UP	151	-366	0	0	0	0
Uttarakhand	225	194	500	125	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 29.12.2015 :
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 :