

पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(एकरसिड की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)



उत्तरी क्षेत्रीय भार प्रेषण केंद्र

CIN: U40105DL2009GOI188682

Power Supply Position in Northern Region for 12.12.2015

Date of Reporting : 13.12.2015

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
39744	1893	41637	50.12	28406	242	28648	50.09	812.9	36.58

* 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 (Net MU)	Actual Drawal (Net MU)	UI (Net MU)	Consumption (Net MU)	UI [OD:(+ve), UD:(-ve)] (MU)
	Thermal	Hydro	Renewable/others	Total					
Punjab	42.18	12.09		54.27	44.73	45.32	0.58	99.59	0.00
Haryana	42.35	0.51		42.86	67.65	67.50	-0.15	110.36	0.00
Rajasthan	119.71	4.66	6.48	130.84	80.25	81.77	1.52	212.61	0.91
Delhi	12.77			12.77	44.63	44.72	0.09	57.49	0.11
UP	115.14	4.50		119.64	111.26	110.74	-0.52	230.38	25.12
Uttarakhand		7.47		7.47	24.59	26.08	1.49	33.55	0.93
HP		5.05		5.05	19.92	20.33	0.41	25.39	0.00
J & K		6.44	0.00	6.44	34.52	33.67	-0.85	40.11	9.50
Chandigarh				0.00	3.47	3.45	0.27	3.45	0.00
Total	332.15	40.72	6.48	379.35	431.03	433.58	2.85	812.93	36.58

* 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	5040	0	157	-739	2998	0	-3	-376	5040
Haryana	6005	0	-99	-61	3185	0	-46	-5	6005
Rajasthan	9787	0	3	386	8243	0	158	750	9814
Delhi	2977	0	-37	-323	1508	0	-43	-1245	3234
UP	10840	1340	-180	-139	9126	0	-204	114	10840
Uttarakhand	1730	75	91	449	1117	0	65	390	1734
HP	1270	0	-27	221	770	0	41	236	1365
J&K	1912	478	4	520	1371	242	-169	635	1938
Chandigarh	184	0	-18	-10	88	0	-3	-30	194
Total	39744	1893	-107	303	28406	242	-205	469	39744

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

Diversity is 1.01

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	1873	2024	1965	45.19	1883	44.17	1.03
	Rihand I STPS (2*500)	1000	843	870	740	18.74	781	18.39	0.35
	Rihand II STPS (2*500)	1000	973	1039	745	21.56	899	21.24	0.33
	Rihand III STPS (2*500)	1000	973	1028	793	21.84	910	21.75	0.09
	Dadri I STPS (4*210)	840	610	325	301	6.90	287	7.00	-0.11
	Dadri II STPS (2*490)	980	980	412	344	9.02	376	9.57	-0.55
	Unchahar I TPS (2*210)	420	406	345	320	8.05	336	8.05	0.00
	Unchahar II TPS (2*210)	420	404	291	295	7.75	323	7.64	0.11
	Unchahar III TPS (1*220)	210	202	150	155	3.87	161	3.86	0.01
	ISTPP (Jhajjar) (3*500)	1500	1500	667	614	15.19	633	15.65	-0.46
	Dadri GPS (4*130, 19+2*154.51)	830	550	742	597	15.55	648	16.01	-0.46
	Anta GPS (3*88.71+1*153.2)	419	397	272	241	5.21	217	5.45	-0.24
	Auraiya GPS (4*111.19+2*109.30)	663	658	282	300	6.26	261	6.49	-0.24
	Dadri Solar	5	0	0	0	0.01	0	0.01	0.00
	Unchahar Solar	10	1	0	0	0.01	1	0.02	0.00
	Singrauli Solar	15	2	0	0	0.05	2	0.04	0.00
	KHEP	800	655	0	0	3.28	137	3.00	0.28
Sub Total (A)	12112	11026	8447	7410	188	7853	188	0	
B. NPC	NAPS (2*220)	440	201	226	223	4.86	203	4.82	0.04
	RAPS- B (2*220)	440	394	443	442	9.62	401	9.46	0.17
	RAPS- C (2*220)	440	418	480	461	9.92	413	10.03	-0.12
	Sub Total (B)	1320	1013	1129	1126	24.40	1017	24.31	0.09
C. NHPC	Chamera I HPS (3*180)	540	540	556	0	3.25	135	2.85	0.40
	Chamera II HPS (3*100)	300	300	304	0	1.48	62	1.33	0.14
	Chamera III HPS (3*77)	231	154	163	0	0.90	38	0.75	0.15
	Bairasuli HPS (3*60)	180	124	125	0	0.67	28	0.58	0.10
	Salal-HPS (6*115)	690	186	243	225	5.15	215	4.47	0.68
	Tanakpur-HPS (3*40)	94	19	31	21	0.64	26	0.45	0.18
	Un-I HPS (4*120)	480	343	339	349	8.49	354	8.14	0.34
	Un-II HPS (4*60)	240	199	209	188	5.05	210	4.78	0.26
	Dhauliganga-HPS (4*70)	280	140	142	0	1.14	48	1.00	0.14
	Dulhasi-HPS (3*130)	390	387	398	0	3.54	147	3.30	0.24
	Sewa-II HPS (3*40)	120	0	0	0	0.00	0	0.00	0.00
	Parbati 3 (4*130)	520	130	134	0	0.81	34	0.39	0.42
Sub Total (C)	4065	2521	2644	783	31	1296	28	3	
D.SJVNL	NJPC (6*250)	1500	1350	1339	0	8.08	337	7.88	0.20
	Rampur HEP (6*68.67)	412	370	377	0	2.28	95	2.18	0.10
	Sub Total (D)	1912	1720	1716	0	10.36	432	10.06	0.29
E. THDC	Tehri HPS (4*250)	1000	1024	1016	0	6.57	274	6.37	0.20
	Koteswar HPS (4*100)	400	100	101	98	2.43	101	2.40	0.03
	Sub Total (E)	1400	1124	1117	98	9.00	375	8.77	0.24
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	670	1172	369	16.28	678	16.09	0.19
	Dehar HPS (6*165)	990	170	495	0	4.11	171	4.08	0.03
	Pong HPS (6*66)	396	233	324	60	5.40	225	5.58	-0.18
	Sub Total (F)	2765	1073	1991	429	25.79	1075	25.75	0.04
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	44	0	0.55	23	0.53	0.01
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	630	0	4.63	193	4.32	0.31
	Malana Stg-II HPS (2*50)	100	0	0	0	0.00	0	0.00	0.00
	Shree Cement TPS (2*150)	300	0	265	206	5.80	242	5.61	0.19
	Budhil HPS(IPP) (2*35)	70	0	38	0	0.20	8	0.19	0.00
	Sub Total (G)	1662	0	977	206	11.17	465	10.65	0.52
H. Total Regional Entities (A-G)	25237	18476	18021	10053	300.30	12513	295.92	4.38	

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	210	160	4.19	175
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	0	0	-0.05	-2
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	255	207	5.08	211
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	1380	703	26.16	1090
	Talwandi Saboo (2*660)	1320	0	345	6.80	283
	Thermal (Total)	5360	1845	1415	42.18	1758
	Total Hydro	1000	553	399	12.09	504
Total Punjab	6360	2398	1814	54.27	2261	
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00	0
	DCRTPP (Yamuna nagar) (2*300)	600	582	464	12.04	501
	Faridabad GPS (NTPC)	432	0	0	0.00	0
	RGTPP (kheadar) (IPP) (2*600)	1200	569	401	10.17	424
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	1010	739	20.14	839
	Thermal (Total)	4944	2161	1604	42.35	1764
	Total Hydro	62	18	14	0.51	21
	Total Haryana	5006	2179	1618	42.86	1786
	Rajasthan	kota TPS (2*110+2*195+3*210)	1240	862	691	18.35
suratgarh TPS (6*250)		1500	679	610	15.65	652
Chabra TPS (4*250)		1000	431	439	10.09	420
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	209	206	5.14	214
RAPS A (NPC) (1*100+1*200)		300	161	162	3.99	166
Barsingar (NLC) (2*125)		250	186	187	4.32	180
Giral LTPS (2*125)		250	0	0	0.00	0
Rajwest LTPS (IPP) (8*135)		1080	842	949	21.58	899
VS LIGNITE LTPS (IPP) (1*135)		135	0	0	0.00	0
Kalisindh Thermal(2*600)		1200	598	480	12.42	517
Kawal(Adani) (2*660)		1320	1202	1195	28.17	1174
Thermal (Total)		8876	5170	4919	120	4988
Total Hydro		550	182	201	4.66	194
Wind power		3214	198	95	3.79	158
Biomass		99	21	21	0.49	21
Solar		730	0	0	2.20	91
Renewable/Others (Total)		4043	219	116	6.48	270
Total Rajasthan		13469	5571	5236	130.84	5452
UP		Anpara TPS (3*210+2*500)	1630	953	925	22.20
	Obra TPS (2*50+2*94+5*200)	1194	430	455	10.40	433
	Paricha TPS (2*110+2*220+2*250)	1140	692	675	15.50	646
	Panki TPS (2*105)	210	0	0	0.00	0
	Harduaganj TPS (1*60+1*105+2*250)	665	436	450	9.80	408
	Tanda TPS (NTPC) (4*110)	440	385	312	7.74	323
	Roza TPS (IPP) (4*300)	1200	536	387	9.90	413
	Anpara-C (IPP) (2*600)	1200	1080	543	22.80	950
	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	4512	3747	98	4098
	Vishnupuriyag HPS (IPP) (4*110)	440	98	93	2.20	92
	Alaknanda(4*82.5)	330	63	63	1.40	58
	Other Hydro	527	60	23	0.90	38
	Cogeneration	981	700	700	16.80	700
	Total UP	12227	5433	4626	120	4985
	Uttarakhand	Total Hydro	1398	436	168	7.47
Total Uttarakhand		1398	436	168	7.47	311
Delhi	Rajghat TPS (2*67.5)	135	0	0	0.00	0
	Delhi Gas Turbine (6x30 + 3x34)	282	38	29	0.80	34
	Pragati Gas Turbine (2x104+ 1x122)	330	142	140	3.39	141
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	251	249	5.02	209
	Badarpur TPS (NTPC) (3*95+2*210)	705	165	165	3.55	148
	Thermal (Total)	2917	596	583	12.77	532
Total Delhi	2917	596	583	12.77	532	
HP	Baspa HPS (IPP) (3*100)	300	29	0	1.31	54
	Malana HPS (IPP) (2*43)	86	45	0	0.28	12
	Other Hydro	878	172	136	3.46	144
	Total HP	1264	246	136	5.05	211
J & K	Baglihar HPS (IPP) (3*150)	450	232	143	4.59	191
	Other Hydro/IPP	560	81	64	1.85	77
	Gas/Diesel/Other	190	0	0	0.00	0
	Total J & K	1200	313	207	6.44	268
Total State Control Area Generation		43841	17172	14388	379.35	15806
J. Net Inter Regional Exchange (Import (+ve)/Export (-ve))			6472.25	6047.45	159.50	6646
Total Regional Availability(Gross)		69078	41665	30488	839.14	34964

IV. Total Hydro Generation:

Regional Entities Hydro	12234	8142	1310	84.71	3530
State Control Area Hydro	6581	1969	1304	41	1697
Total Regional Hydro	18815	10111	2614	125.44	5226

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)	-100	-450	0	450	0.00	6.26	-6.26
765 KV Gwalior-Agra (D/C)	2318	2300	2945	0	59.50	0.00	59.50
400 KV Zerda-Kankrol	-112	-282	0	298	0.00	3.65	-3.65
400 KV Zerda-Bhinmal	-16	-203	94	255	0.00	1.59	-1.59
220 KV Auraiya-Malanpur	-78	-65	0	86	0.00	1.43	-1.43
220 KV Badod-Kota/Morak	-6	-44	2	52	0.00	0.93	-0.93
Mundra-Mohindergar(HVDC Bipole)	2503	2497	2515	0	60.46	0.00	60.46
400 KV Vindhychal - Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Phagi-Gwalior (D/C)	991	914	1446	0	25.87	0.00	25.87
Sub Total WR	5500	4667			145.83	13.85	131.98
Pusaali Bypass/HVDC	250	250	250	0	4.95	0.00	4.95
400 KV MZP- GKP (D/C)	188	156	304	196	1.59	0.00	1.59
400 KV Patna-Balia(D/C) X 2	435	483	630	0	11.52	0.00	11.52
400 KV B Sharif-Balia (D/C)	-62	109	236	94	1.87	0.00	1.87
765 KV Gaya-Balia	145	220	286	0	2.62	0.00	2.62
765 KV Gaya-Fatehpur	88	141	348	0	4.34	0.00	4.34
220 KV Pusaali-Sahupuri	138	132	166	0	3.19	0.00	3.19
132 KV Knasa-Sahupuri	0	0	0	0	0.00	0.00	0.00
132 KV Son Ngr-Rihand	30	24	0	30	0.00	0.59	-0.59
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	-142	-27	213	177	0.31	0.00	0.31
400 KV Barh -GKP (D/C)	402	392	592	0	9.84	0.00	9.84
Sub Total ER	1472	1880			40.23	0.59	39.64
+/- 800 KV BiswanathCharialli-Agra	-500	-500	0	500	0.00	12.12	-12.12
Sub Total NER	-500	-500			0.00	12.12	-12.12
Total IR Exch	6472	6047			186.05	26.56	159.50

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
33.37	0.60	33.97	-0.43	-11.94	14.84	19.69	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
54.41	101.58	155.99	27.52	131.98	159.50	-26.89	30.40	3.51

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	32	0	1	-0.73

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	2.81	23.60	73.96	67.18	7.28	1.97	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)	(Hz)		
50.19	6.02	49.72	9.26	49.95	0.080	0.075	0.00	0.00	32.82

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	23:53	397	11:24	0.0	0.0	0.0	0.0	0.0
Gorakhpur	400	418	21:44	405	17:45	0.0	0.0	0.0	0.0	0.0
Bareilly(PG)400kV	400	421	04:31	403	11:21	0.0	0.0	0.1	0.0	0.1
Kanpur	400	411	03:01	406	11:21	0.0	0.0	0.5	0.0	0.5
Dadri	400	426	02:52	407	11:24	0.0	0.0	33.8	0.0	33.8
Ballabgarh	400	432	02:59	412	11:08	0.0	0.0	59.6	3.6	59.6
Bawana	400	431	20:14	410	11:09	0.0	0.0	45.9	0.2	45.9
Bassi	400	428	20:17	399	08:15	0.0	0.0	11.6	0.0	11.6
Hissar	400	426	20:16	402	11:12	0.0	0.0	10.7	0.0	10.7
Moga	400	424	02:49	404	11:10	0.0	0.0	22.0	0.0	22.0
Abdullapur	400	432	20:14	407	11:23	0.0	0.0	44.6	0.3	44.6
Nalagarh	400	436	20:57	410	11:08	0.0	0.0	48.0	24.9	48.0
Kishenpur	400	428	02:40	402	18:22	0.0	0.0	21.2	0.0	21.2
Wagoora	400	402	03:01	374	18:13	5.6	53.8	0.0	0.0	5.6
Amritsar	400	432	02:16	168	09:33	0.0	0.0	44.4	5.3	44.5
Kashipur	400	0	00:00	9999	00:00	0.0	0.0	0.0	0.0	0.0
Hamirpur	400	429	02:16	405	11:09	0.0	0.0	52.9	0.0	52.9
Rishikesh	400	0	00:00	9999	00:00	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	20:14	745	08:33	0.0	0.0	0.0	0.0	0.0
Balia	765	761	00:00	761	00:00	0.0	0.0	0.0	0.0	0.0
Moga	765	811	20:14	771	11:12	0.0	0.0	22.3	0.0	22.3
Agra	765	796	20:14	759	11:21	0.0	0.0	0.0	0.0	0.0
Bhiwani	765	810	20:14	771	11:09	0.0	0.0	23.9	0.0	23.9
Unnao	765	788	19:27	746	11:21	0.0	0.0	0.0	0.0	0.0
Lucknow	765	787	05:02	762	17:46	0.0	0.0	0.0	0.0	0.0
Mesrut	765	819	20:14	775	11:23	0.0	0.0	27.2	0.0	27.2
Jhatikara	765	0	00:00	9999	00:00	0.0	0.0	0.0	0.0	0.0
Bareilly 765 kV	765	0	00:00	9999	00:00	0.0	0.0	0.0	0.0	0.0
Anta	765	784	20:12	765	07:37	0.0	0.0	0.0	0.0	0.0
Phagi	765	798	20:15	761	07:51	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	505.22	1325.82	500.75	1127.29	216.65	500.05
Pong	426.72	384.05	413.98	633.63	408.40	444.61	60.26	339.32
Tehri	829.79	740.04	809.15	787.65	815.55	911.26	67.40	155.00
Koteshwar	612.50	598.50	610.85	5.00	609.97	4.44	155.00	160.15
Chamera-I	760.00	748.75	0.00	0.00	0.00	0.00	75.50	87.81
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	503.36	4.82	508.49	2.51	52.79	210.53

* 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	-726	350	0	-1052	313	0	-17.75	7.64	-10.11
Delhi	-1127	-118	0	-564	241	0	-17.10	3.13	-13.96
Haryana	-329	323	0	-354	293	0	-8.37	7.44	-0.93
HP	88	148	0	274	-53	0	6.71	-0.69	6.02
J&K	635	0	0	520	0	0	13.28	-0.40	12.87
CHD	-30	0	0	0	-10	0	-0.24	-0.12	-0.37
Rajasthan	-7	755	2	-7	391	2	8.69	15.98	24.67
UP	114	0	0	-139	0	0	-1.91	0.00	-1.91
Uttarakhand	194	196	0	225	223	0	4.81	5.85	10.67
Total	-1188	1655	2	-1097	1398	2	-11.88	38.83	26.94

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-647	-1052	350	249	0	0
Delhi	-560	-1127	611	-178	0	0
Haryana	-329	-354	328	230	0	0
HP	409	88	148	-653	0	0
J&K	635	516	99	-191	0	0
CHD	0	-30	20	-51	0	0
Rajasthan	731	-7	764	131	2	2
UP	146	-217	0	0	0	0
Uttarakhand	225	194	527	71	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 12.12.2015 :
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 :