

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 13.12.2015
Date of Reporting : 14.12.2015

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
37412	2080	39492	50.12	28558	611	29169	50.09	794.5	39.03

* 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 *
	Thermal	Hydro	Renewable/others \$	Total	(Net MU)	(Net MU)			
Punjab	35.91	11.08		46.99	49.04	48.63	-0.42	95.62	0.00
Haryana	39.99	0.53		40.52	64.12	64.72	0.60	105.24	0.00
Rajasthan	119.38	4.93	3.74	128.06	79.69	80.93	1.24	208.99	0.65
Delhi	14.10			14.10	42.44	41.69	-0.75	55.78	0.01
UP	115.77	4.58		120.35	107.64	107.97	0.33	228.32	27.58
Uttarakhand		7.05		7.05	24.26	25.08	0.82	32.12	0.75
HP		4.93		4.93	19.27	18.81	-0.46	23.73	0.27
J & K		6.49	0.00	6.49	34.72	35.12	0.40	41.60	9.78
Chandigarh				0.00	3.27	3.13	0.27	3.13	0.00
Total	325.15	39.58	3.74	368.47	424.44	426.06	2.02	794.53	39.03

* 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	4070	0	-382	-736	3285	0	-51	-369	4607
Haryana	5629	0	-76	-142	3242	0	-101	-48	5629
Rajasthan	9402	0	22	627	8119	0	-33	697	9608
Delhi	2819	0	-140	-272	1449	0	115	-1201	3264
UP	10591	1520	-111	-168	8844	320	295	103	10591
Uttarakhand	1614	75	-10	418	1117	0	137	333	1746
HP	1182	0	-35	195	765	0	75	241	1273
J&K	1940	485	83	530	1651	291	27	645	1972
Chandigarh	165	0	-9	0	86	0	-1	-30	176
Total	37412	2080	-657	451	28558	611	463	372	37412

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

Diversity is 1.04

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	1788	1850	1999	43.20	1800	42.10	1.11
	Rihand I STPS (2*500)	1000	857	837	817	18.79	783	18.77	0.02
	Rihand II STPS (2*500)	1000	973	859	977	21.50	896	20.93	0.56
	Rihand III STPS (2*500)	1000	973	903	943	21.76	907	21.45	0.32
	Dadri I STPS (4*210)	840	610	324	304	6.81	284	6.95	-0.14
	Dadri II STPS (2*490)	980	980	429	345	8.22	343	8.63	-0.41
	Unchahar I TPS (2*210)	420	406	322	307	7.64	318	8.00	-0.37
	Unchahar II TPS (2*210)	420	404	290	303	7.43	310	7.60	-0.17
	Unchahar III TPS (1*220)	210	202	138	156	3.64	152	3.78	-0.14
	ISTPP (Jhajjar) (3*500)	1500	1500	630	621	14.90	621	15.37	-0.47
	Dadri GPS (4*130.19+2*154.51)	830	550	587	578	13.97	582	14.41	-0.44
	Anta GPS (3*88.71+1*153.2)	419	417	253	185	5.60	233	5.95	-0.35
	Auraiya GPS (4*111.19+2*109.30)	663	658	242	298	5.98	249	6.03	-0.05
	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	1	0	0	0.04	2	0.03	0.01	
KHEP	800	655	0	0	3.23	135	3.00	0.23	
Sub Total (A)	12112	10974	7664	7833	183	7615	183	0	
B. NPC	NAPS (2*220)	440	201	224	228	4.90	204	4.82	0.07
	RAPS- B (2*220)	440	396	395	393	9.48	395	9.50	-0.02
	RAPS- C (2*220)	440	418	460	460	10.00	417	10.03	-0.03
	Sub Total (B)	1320	1015	1079	1081	24.37	1016	24.36	0.01
C. NHPC	Chamera I HPS (3*180)	540	540	489	0	4.75	198	4.40	0.35
	Chamera II HPS (3*100)	300	300	303	0	1.50	62	1.39	0.11
	Chamera III HPS (3*77)	231	154	162	0	0.94	39	0.80	0.14
	Bairasuli HPS (3*60)	180	124	124	0	0.76	32	0.71	0.05
	Salal-HPS (6*115)	690	125	246	169	3.55	148	3.04	0.51
	Tanakpur-HPS (3*40)	94	20	31	29	0.69	29	0.49	0.20
	Uri-I HPS (4*120)	480	278	234	318	7.30	304	6.72	0.58
	Uri-II HPS (4*60)	240	168	182	169	4.20	175	4.03	0.17
	Dhauliganga-HPS (4*70)	280	140	140	0	1.10	46	1.00	0.10
	Dulhasti-HPS (3*130)	390	387	397	0	3.49	146	3.30	0.19
Sewa-II HPS (3*40)	120	0	0	0	0.00	0	0.00	0.00	
Parbati 3 (4*130)	520	130	131	0	0.81	34	0.68	0.12	
Sub Total (C)	4065	2365	2440	685	29	1212	27	3	
D.SJVNL	NJPC (6*250)	1500	1344	1348	0	8.72	363	8.69	0.03
	Rampur HEP (6*68.67)	412	370	373	0	2.46	102	2.20	0.25
	Sub Total (D)	1912	1714	1721	0	11.17	466	10.89	0.28
E. THDC	Tehri HPS (4*250)	1000	1024	1024	0	6.77	282	6.50	0.27
	Koteswar HPS (4*100)	400	100	100	101	2.41	101	2.40	0.01
	Sub Total (E)	1400	1124	1124	101	9.18	383	8.90	0.28
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	673	1178	347	16.17	674	16.15	0.02
	Dehar HPS (6*165)	990	150	495	0	3.68	153	3.60	0.08
	Pong HPS (6*66)	396	236	324	60	5.68	237	5.67	0.01
	Sub Total (F)	2765	1059	1997	407	25.53	1064	25.42	0.11
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	48	0	0.45	19	0.44	0.01
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	630	0	4.72	197	4.56	0.16
	Malana Stg-II HPS (2*50)	100	0	0	0	0.00	0	0.00	0.00
	Shree Cement TPS (2*150)	300	0	261	195	5.85	244	5.62	0.24
	Budhil HPS(IPP) (2*35)	70	0	38	0	0.27	11	0.27	0.00
	Sub Total (G)	1662	0	977	195	11.30	471	10.88	0.42
H. Total Regional Entities (A-G)	25237	18252	17002	10302	293.40	12225	290.06	3.34	

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	3.99	166	
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	0	0	-0.04	-2	
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	202	202	5.03	209	
	Goindwal(GVK)		0	0	0.00	0	
	Rajpura (2*700)	1400	730	1020	26.52	1105	
	Talwandi Saboo (2*660)	1320	0	0	0.41	17	
	Thermal (Total)	5360	1092	1382	35.91	1496	
	Total Hydro	1000	437	404	11.08	462	
Total Punjab	6360	1529	1786	46.99	1958		
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00	0	
	DCRTPP (Yamuna nagar) (2*300)	600	362	480	10.28	428	
	Faridabad GPS (NTPC)	432	0	0	0.00	0	
	RGTPP (kheadar) (IPP) (2*600)	1200	575	414	9.88	412	
	Magnum Diesel (IPP)	25	0	0	0.00	0	
	Jhajjar(CLP) (2*660)	1320	1110	738	19.83	826	
	Thermal (Total)	4944	2047	1632	39.99	1666	
	Total Hydro	62	13	28	0.53	22	
	Total Haryana	5006	2060	1660	40.52	1688	
	Rajasthan	kota TPS (2*110+2*195+3*210)	1240	879	898	21.88	912
suratgarh TPS (6*250)		1500	641	645	15.33	639	
Chabra TPS (4*250)		1000	397	369	8.69	362	
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	214	210	5.21	217	
RAPS A (NPC) (1*100+1*200)		300	161	161	3.96	165	
Barsingar (NLC) (2*125)		250	186	185	4.31	179	
Giral LTPS (2*125)		250	0	0	0.00	0	
Rajwest LTPS (IPP) (8*135)		1080	848	847	19.67	820	
VS LIGNITE LTPS (IPP) (1*135)		135	0	0	0.00	0	
Kalisindh Thermal(2*600)		1200	563	600	12.41	517	
Kawal(Adani) (2*660)		1320	1156	1200	27.93	1164	
Thermal (Total)		8876	5045	5115	119	4974	
Total Hydro		550	212	154	4.93	206	
Wind power		3214	51	94	3.05	127	
Biomass		99	27	27	0.64	27	
Solar		730	1	0	0.05	2	
Renewable/Others (Total)		4043	79	121	3.74	156	
Total Rajasthan		13469	5336	5390	128.06	5336	
UP		Anpara TPS (3*210+2*500)	1630	973	795	22.08	920
	Obra TPS (2*50+2*94+5*200)	1194	328	423	9.24	385	
	Paricha TPS (2*110+2*220+2*250)	1140	716	581	16.14	673	
	Panki TPS (2*105)	210	0	0	0.00	0	
	Harduaganj TPS (1*60+1*105+2*250)	665	438	333	9.70	404	
	Tanda TPS (NTPC) (4*110)	440	389	270	8.20	341	
	Roza TPS (IPP) (4*300)	1200	554	388	10.01	417	
	Anpara-C (IPP) (2*600)	1200	1080	810	23.62	984	
	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	4478	3600	99	4124	
	Vishnupuriyag HPS (IPP)(4*110)	440	96	93	2.23	93	
	Alaknanda(4*82.5)	330	58	63	1.38	58	
	Other Hydro	527	56	23	0.97	40	
	Cogeneration	981	700	700	16.80	700	
	Total UP	12227	5388	4479	120	5015	
	Uttarakhand	Total Hydro	1398	436	186	7.05	294
		Total Uttarakhand	1398	436	186	7.05	294
Delhi	Rajghat TPS (2*67.5)	135	0	0	-0.01	0	
	Delhi Gas Turbine (6x30 + 3x34)	282	38	29	0.91	38	
	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	6.07	253	
	Badarpur TPS (NTPC) (3*95+2*210)	705	165	165	3.74	156	
	Thermal (Total)	2917	596	583	14.10	587	
Total Delhi	2917	596	583	14.10	587		
HP	Baspa HPS (IPP) (3*100)	300	61	0	1.15	48	
	Malana HPS (IPP) (2*43)	86	0	0	0.25	10	
	Other Hydro	878	195	95	3.53	147	
	Total HP	1264	256	95	4.93	205	
J & K	Baglihar HPS (IPP) (3*150)	450	291	144	4.63	193	
	Other Hydro/IPP	560	81	64	1.85	77	
	Gas/Diesel/Others	190	0	0	0.00	0	
	Total J & K	1200	372	208	6.49	270	
Total State Control Area Generation		43841	15973	14387	368.47	15353	
J. Net Inter Regional Exchange (Import (+ve)/Export (-ve))			6494	5730	158.21	6592	
Total Regional Availability(Gross)		69078	39469	30419	820.08	34170	

IV. Total Hydro Generation:

Regional Entities Hydro	12234	7960	1192	83.38	3474
State Control Area Hydro	6581	1936	1254	40	1649
Total Regional Hydro	18815	9896	2446	122.96	5123

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	-200	0	400	0.00	8.96	-8.96
765 KV Gwalior-Agra (D/C)	2638	1977	3132	0	58.78	0.00	58.78
400 KV Zerde-Kankrol	-108	-205	0	249	0.00	3.34	-3.34
400 KV Zerde-Bhinmal	-9	-105	122	193	0.00	0.96	-0.96
220 KV Auraiya-Malanpur	-58	-88	0	98	0.00	1.47	-1.47
220 KV Badod-Kota/Morak	3	-39	0	42	0.00	1.04	-1.04
Mundra-Mohindergar(HVDC Bipole)	2497	2498	2507	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)	1083	745	1358	0	25.45	0.00	25.45
Sub Total WR	5646	4583			144.69	15.77	128.92
Pusaali Bypass/HVDC	250	250	250	0	6.07	0.00	6.07
400 KV MZP- GKP (D/C)	129	86	225	189	0.76	0.00	0.76
400 KV Patna-Balia(D/C) X 2	401	471	640	0	12.62	0.00	12.62
400 KV B Sharif-Balia (D/C)	-36	55	215	60	1.48	0.00	1.48
765 KV Gaya-Balia	195	216	299	0	2.64	0.00	2.64
765 KV Gaya-Fatehpur	58	113	320	0	4.25	0.00	4.25
220 KV Pusaali-Sahupuri	129	135	160	0	3.15	0.00	3.15
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	-172	-53	151	173	0.00	0.27	-0.27
400 KV Barh -GKP (D/C)	420	396	506	0	10.29	0.00	10.29
Sub Total ER	1348	1647			42.22	0.84	41.37
+/- 800 KV BiswanathCharialli-Agra	-500	-500	0	500	0.00	12.09	-12.09
Sub Total NER	-500	-500			0.00	12.09	-12.09
Total IR Exch	6494	5730			186.90	28.70	158.21

V(B). Inter Regional Schedule & Actual Exchanges [Import (+ve)/Export (-ve)] [Corridor wise]

ER	ISGS/LT Schedule (MU)		Bilateral Schedule (MU)		Power Exchange Shdl (MU)		Wheeling (MU)	
	Bhutan	Total	Through ER	Through WR	Through ER	Through WR	Through ER	Through WR
32.17	0.58	32.76	-0.92	-11.88	13.02	18.21	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
50.89	104.00	154.89	29.29	128.92	158.21	-21.60	24.92	3.32

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	-29	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	1.74	17.42	67.73	69.10	9.49	3.73	0.35	NA

Frequency (Hz)		Average Frequency		Frequency Variation Index	Std. Dev.	Frequency in 15 Min Block		Freq Dev Index (% of Time)
Maximum	Minimum	Hz	Hz			MAX (Hz)	MIN (Hz)	
50.24	6.02	49.72	8.18	49.97	0.066	50.17	49.91	30.90

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	23:46	396	09:39	0.0	0.0	0.0	0.0	0.0
Gorakhpur	400	420	05:08	402	09:34	0.0	0.0	0.0	0.0	0.0
Bareilly(PG)400kV	400	422	05:01	399	09:32	0.0	0.0	0.8	0.0	0.8
Kanpur	400	411	05:02	399	09:33	0.0	0.0	1.8	0.0	1.8
Dadri	400	425	21:37	404	09:36	0.0	0.0	30.8	0.0	30.8
Ballabgarh	400	432	21:41	407	11:11	0.0	0.0	48.5	1.7	48.5
Bawana	400	428	21:24	420	22:20	0.0	0.0	93.9	0.0	93.9
Bassi	400	426	20:57	395	10:45	0.0	0.0	9.9	0.0	9.9
Hissar	400	421	21:26	396	11:11	0.0	0.0	0.4	0.0	0.4
Moga	400	422	01:03	400	09:47	0.0	0.0	0.3	0.0	0.3
Abdullapur	400	429	21:24	404	17:52	0.0	0.0	15.7	0.0	15.7
Nalagarh	400	437	01:02	410	17:52	0.0	0.0	47.3	7.8	47.3
Kishenpur	400	423	03:56	398	07:37	0.0	0.0	9.7	0.0	9.7
Wagooora	400	403	14:19	376	07:55	8.7	50.0	0.0	0.0	8.7
Amritsar	400	433	01:00	407	09:48	0.0	0.0	38.1	2.8	38.1
Kashipur	400	422	05:00	410	09:32	0.0	0.0	4.6	0.0	4.6
Hamirpur	400	428	21:21	406	22:20	0.0	0.0	47.3	0.0	47.3
Rishikesh	400	415	05:02	386	09:35	0.0	6.8	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	775	20:00	734	09:40	0.0	6.8	0.0	0.0	0.0
Balia	765	779	21:34	744	10:10	0.0	0.0	0.0	0.0	0.0
Moga	765	807	20:15	759	10:48	0.0	0.0	0.6	0.0	0.6
Agra	765	792	20:00	751	10:48	0.0	0.0	0.0	0.0	0.0
Bhiwani	765	804	20:12	763	10:47	0.0	0.0	3.3	0.0	3.3
Unnao	765	780	21:34	729	09:37	0.0	1.9	0.0	0.0	0.0
Lucknow	765	792	05:03	751	09:37	0.0	0.0	0.0	0.0	0.0
Meerut	765	810	20:02	761	09:36	0.0	0.0	14.4	0.0	14.4
Jhatikara	765	808	21:25	768	09:47	0.0	0.0	31.5	0.0	31.5
Bareilly 765 kV	765	34	00:00	32	09:36	100.0	100.0	0.0	0.0	100.0
Anta	765	786	05:02	767	07:37	0.0	0.0	0.0	0.0	0.0
Phagi	765	796	21:28	754	09:19	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	504.44	1285.56	500.59	1114.30	218.07	501.46
Pong	426.72	384.05	413.85	633.63	408.21	435.19	65.33	358.01
Tehri	829.79	740.04	808.95	781.80	815.30	908.26	70.37	160.00
Koteswar	612.50	598.50	611.03	4.95	609.97	4.44	160.00	159.00
Chamera-I	760.00	748.75	759.16	0.00	0.00	0.00	84.98	128.08
Rihand	268.22	252.98	0.00	0.00	0.00	0.00	0.00	0.00
RPS	352.80	343.81	1138.15	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	503.17	3.91	508.41	2.21	53.71	223.72

* 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	357	0	-1052	316	0	-17.75	8.08	-9.67
Delhi	-1142	-59	0	-564	292	0	-17.59	3.98	-13.61
Haryana	-338	290	0	-364	222	0	-8.60	5.93	-2.67
HP	91	150	0	276	-82	0	6.78	-1.44	5.34
J&K	645	0	0	530	0	0	13.52	-0.97	12.55
CHD	-30	0	0	0	0	0	-0.24	-0.25	-0.49
Rajasthan	-7	702	2	-7	632	2	8.69	15.80	24.49
UP	103	0	0	-168	0	0	-2.57	0.00	-2.57
Uttarakhand	194	139	0	225	193	0	4.88	5.37	10.24
Total	-1210	1580	2	-1123	1572	2	-12.89	36.50	23.61

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-647	-1052	357	274	0	0
Delhi	-560	-1142	699	-183	0	0
Haryana	-338	-364	291	222	0	0
HP	412	91	150	-714	0	0
J&K	645	526	99	-177	0	0
CHD	0	-30	0	-80	0	0
Rajasthan	731	-7	999	479	2	2
UP	140	-250	0	0	0	0
Uttarakhand	225	194	415	80	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 13.12.2015 :

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 :