

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 08.01.2016
Date of Reporting : 09.01.2016

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
39268	1663	40931	49.96	30647	506	31152	50.08	847.6	45.88

* 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)	UI [OD:(+ve), UD:(-ve)] Shortages *
	Thermal	Hydro	Renewable/others \$	Total					
Punjab	43.59	10.32		53.90	47.02	48.61	1.59	102.52	0.00
Haryana	48.72	0.33		49.05	61.36	59.92	-1.44	108.98	0.00
Rajasthan	130.66	3.76	2.59	137.02	78.97	80.66	1.69	217.68	0.00
Delhi	20.80			20.80	49.80	49.65	-0.14	70.46	3.15
UP	139.77	4.60		144.37	92.84	93.31	0.47	237.68	31.69
Uttarakhand		10.06		10.06	25.36	26.33	0.97	36.39	0.68
HP		3.99		3.99	21.73	22.63	0.89	26.62	0.10
J & K		6.14	0.00	6.14	37.35	37.47	0.12	43.61	10.27
Chandigarh				0.00	3.64	3.66	0.27	3.66	0.00
Total	383.54	39.21	2.59	425.34	418.07	422.24	4.41	847.58	45.88

* 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	4546	0	-40	-459	3318	0	358	65	5194
Haryana	6097	0	-22	-175	3498	0	-244	-99	6097
Rajasthan	9508	0	-227	690	8669	0	-3	773	9707
Delhi	3155	0	-36	-301	1452	29	107	-1214	3248
UP	10713	1100	-470	94	9940	180	27	124	10713
Uttarakhand	1798	75	-14	518	1215	0	44	343	1931
HP	1306	0	-62	197	785	0	54	357	1428
J&K	1951	488	-55	741	1681	297	-34	725	2025
Chandigarh	194	0	-2	0	89	0	3	-30	218
Total	39268	1663	-928	1306	30647	506	313	1044	39268

UI [OA:(+ve), PX:(-ve)] figures are at regional boundary. # figures may not be at simultaneous hour.

Diversity is 1.03

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	1870	2022	1759	43.17	1799	42.59	0.58	
	Rihand I STPS (2*500)	1000	878	897	679	19.03	793	19.08	-0.04	
	Rihand II STPS (2*500)	1000	962	966	746	21.06	877	20.80	0.26	
	Rihand III STPS (2*500)	1000	976	1017	798	21.51	896	21.64	-0.14	
	Dadri I STPS (4*210)	840	815	568	429	11.28	470	11.98	-0.70	
	Dadri II STPS (2*490)	980	980	468	425	9.78	407	10.64	-0.86	
	Unchahar I TPS (2*210)	420	406	386	298	7.80	325	8.09	-0.29	
	Unchahar II TPS (2*210)	420	404	366	281	7.23	301	7.68	-0.45	
	Unchahar III TPS (1*220)	210	202	171	134	3.58	149	3.87	-0.29	
	ISTPP (Jhajhar) (3*500)	1500	1500	1045	613	15.47	645	15.84	-0.36	
	Dadri GPS (4*130.19+2*154.51)	830	813	232	380	7.25	302	7.60	-0.35	
	Anta GPS (3*88.71+1*153.2)	419	411	-1	0	0.00	0	0.00	0.00	
	Auraiya GPS (4*111.19+2*109.30)	663	651	0	0	0.00	0	0.00	0.00	
	Dadri Solar	5	0	0	0	0.09	4	0.01	0.08	
	Unchahar Solar	10	1	0	0	0.02	1	0.02	0.00	
	Singrauli Solar	15	2	0	0	0.04	2	0.04	0.00	
	KHEP	800	870	188	0	2.81	117	2.61	0.20	
	Sub Total (A)	12112	11741	8325	6542	170	7088	172	-2	
	B. NPC	NAPS (2*220)	440	408	435	446	9.70	404	9.79	-0.09
		RAPS- B (2*220)	440	398	441	440	9.55	398	9.55	0.00
RAPS- C (2*220)		440	420	454	457	9.84	410	10.08	-0.24	
Sub Total (B)		1320	1226	1330	1343	29.10	1212	29.42	-0.33	
C. NHPC	Chamera I HPS (3*180)	540	540	365	0	1.85	77	1.62	0.23	
	Chamera II HPS (3*100)	300	300	303	0	1.30	54	1.14	0.16	
	Chamera III HPS (3*77)	231	154	157	0	0.68	28	0.60	0.08	
	Bairasuli HPS(3*60)	180	124	125	0	0.56	23	0.50	0.06	
	Salal-HPS (6*115)	690	119	230	120	3.50	146	2.84	0.66	
	Tanakpur-HPS(3*40)	94	17	32	17	0.50	21	0.41	0.09	
	Uri-I HPS (4*120)	480	232	336	212	5.91	246	5.57	0.34	
	Uri-II HPS (4*60)	240	139	173	175	3.53	147	3.33	0.20	
	Dhauliganga-HPS (4*70)	280	210	211	0	0.86	36	0.77	0.09	
	Dulhasi-HPS (3*130)	390	258	269	0	3.10	129	2.90	0.20	
	Sewa-II HPS (3*40)	120	119	125	0	0.38	16	0.37	0.02	
	Parbati 3 (4*130)	520	0	0	0	0.81	34	0.00	0.81	
	Sub Total (C)	4065	2212	2325	523	23	957	20	3	
	D.SJVNL	NJPC (6*250)	1500	1080	1087	0	6.82	284	6.60	0.23
Rampur HEP (6*68.67)		412	280	299	0	1.90	79	1.80	0.10	
Sub Total (D)		1912	1360	1386	0	8.72	363	8.39	0.32	
E. THDC	Tehri HPS (4*250)	1000	944	943	0	8.37	349	8.30	0.07	
	Koteshwar HPS (4*100)	400	131	401	90	3.21	134	3.16	0.06	
	Sub Total (E)	1400	1075	1344	90	11.58	482	11.46	0.12	
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	581	1069	345	14.09	587	13.93	0.16	
	Dehar HPS (6*165)	990	125	495	0	3.07	128	3.00	0.07	
	Pong HPS (6*66)	396	322	384	126	7.64	318	7.74	-0.10	
	Sub Total (F)	2765	1028	1948	471	24.81	1034	24.67	0.14	
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	15	0	0.44	18	0.44	0.00	
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	630	0	3.70	154	3.60	0.10	
	Malana Stg-II HPS (2*50)	100	0	0	0	0.18	7	0.20	-0.03	
	Shree Cement TPS (2*150)	300	0	295	195	6.45	269	6.55	-0.10	
	Budhil HPS(IPP) (2*35)	70	0	38	0	0.15	6	0.15	0.00	
	Sub Total (G)	1662	0	977	195	10.92	455	10.94	-0.02	
H. Total Regional Entities (A-G)	25237	18642	17635	9165	278.21	11592	277.41	0.80		

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	320	417	7.54	314
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	100	110	2.37	99
	Guru Har Gobind Singh TPS(L.mbt) (2*210+2*250)	920	409	505	9.48	395
	Goindwal(GVK)	0	0	0	0.00	0
	Rajpura (2*700)	1400	917	687	23.49	979
	Talwandi Saboo (2*660)	1320	0	0	0.72	30
	Thermal (Total)	5360	1746	1719	43.59	1816
	Total Hydro	1000	435	388	10.32	430
	Total Punjab	6360	2181	2107	53.90	2246
	Haryana	Panipat TPS (4*110+2*210+2*250)	1367	228	217	5.28
DCRTPP (Yamuna nagar) (2*300)		600	277	235	6.27	261
Faridabad GPS (NTPC)		432	0	171	0.87	36
RGTPP (kheadar) (IPP) (2*600)		1200	1142	800	23.78	991
Magnum Diesel (IPP)		25	0	0	0.00	0
Jhajjar(CLP) (2*660)		1320	621	385	12.53	522
Thermal (Total)		4944	2268	1808	48.72	2030
Total Hydro		62	11	9	0.33	14
Total Haryana		5006	2279	1817	49.05	2044
Rajasthan		kota TPS (2*110+2*195+3*210)	1240	862	865	21.39
	suratgarh TPS (6*250)	1500	529	581	13.47	561
	Chabra TPS (4*250)	1000	646	645	14.95	623
	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	193	195	4.73	197
	RAPS A (NPC) (1*100+1*200)	300	158	166	4.05	169
	Barsingsar (NLC) (2*125)	250	77	121	2.28	95
	Giral LTPS (2*125)	250	30	0	0.61	25
	Rajwest LTPS (IPP) (8*135)	1080	678	727	17.01	709
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(2*600)	1200	1065	1120	25.39	1058
	Kawai(Adani) (2*660)	1320	1169	1184	26.78	1116
	Thermal (Total)	8876	5407	5604	131	5444
	Total Hydro	550	149	92	3.76	157
	Wind power	3214	17	192	1.86	78
	Biomass	99	22	22	0.52	22
	Solar	730	4	0	0.21	9
	Renewable/Others (Total)	4043	43	214	2.59	108
	Total Rajasthan	13469	5599	5910	137.02	5709
	UP	Anpara TPS (3*210+2*500)	1630	1291	1194	30.20
Obra TPS (2*50+2*94+5*200)		1194	454	442	10.70	446
Paricha TPS (2*110+2*220+2*250)		1140	835	733	19.20	800
Panki TPS (2*105)		210	0	0	0.00	0
Harduaganj TPS (1*80+1*105+2*250)		665	502	419	10.50	438
Tanda TPS (NTPC) (4*110)		440	278	276	7.57	315
Roza TPS (IPP) (4*300)		1200	189	388	8.00	333
Anpara-C (IPP) (2*600)		1200	1081	1078	24.30	1013
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(2*660)		1320	547	417	10.10	421
Bara(2*660)		1320	0	0	0.00	0
Thermal (Total)		11269	5177	4947	121	5024
Vishnuparyag HPS (IPP)(4*110)		440	76	76	1.80	75
Alakanada(4*82.5)		330	51	52	1.00	42
Other Hydro		527	59	73	1.80	75
Cogeneration		981	800	800	19.20	800
Total UP	13547	6163	5948	144	6015	
Uttarakhand	Total Hydro	1398	632	368	10.06	419
	Total Uttarakhand	1398	632	368	10.06	419
Delhi	Rajghat TPS (2*67.5)	135	0	0	-0.02	-1
	Delhi Gas Turbine (6x30 + 3x34)	282	33	75	1.52	63
	Prahati Gas Turbine (2x104+ 1x122)	330	140	265	4.43	184
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	23	123	7.43	310
	Badarpur TPS (NTPC) (3*95+2*210)	705	165	165	7.44	310
	Thermal (Total)	2917	361	628	20.80	867
	Total Delhi	2917	361	628	20.80	867
HP	Baspa HPS (IPP) (3*100)	300	0	0	1.07	45
	Malana HPS (IPP) (2*43)	86	0	0	0.20	8
	Other Hydro	878	144	68	2.73	114
	Total HP	1264	144	68	3.99	166
J & K	Badlihar HPS (IPP) (3*150)	450	230	142	4.04	168
	Other Hydro/IPP	560	104	57	2.10	88
	Gas/Diesel/Other	190	0	0	0.00	0
	Total J & K	1200	334	199	6.14	256
Total State Control Area Generation		45161	17693	17045	425.34	17722
J. Net Inter Regional Exchange [import(+ve)/Export(-ve)]			6773.5	6536	170.44	7102
Total Regional Availability(Gross)		70398	42102	32746	873.98	36416

IV. Total Hydro Generation:

Regional Entities Hydro	12234	7836	1084	75.20	3133
State Control Area Hydro	6581	1891	1325	39	1634
Total Regional Hydro	18815	9727	2409	114.41	4767

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)	150	-500	250	500	1.72	5.05	-3.33
765 KV Gwalior-Agra (D/C)	2316	2329	3282	0	61.41	0.00	61.41
400 KV Zarda-Kankrol	25	-57	280	117	1.07	0.00	1.07
400 KV Zarda-Bhimmal	138	35	419	47	3.50	0.00	3.50
220 KV Auraiya-Malanpur	-34	-22	0	35	0.00	0.42	-0.42
220 KV Badod-Kota/Morak	32	36	40	9	1.52	0.00	1.52
Mundra-Mohindergarh(HVDC Bipole)	2201	2499	2517	0	41.98	0.00	41.98
400 KV Vindhyachal - Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Phagi-Gwalior (D/C)	1017	809	861	0	28.70	0.00	28.70
Sub Total WR	5846	5129			139.90	5.46	134.43
Pusauli Bypass/HVDC	400	400	400	0	8.95	0.00	8.95
400 KV MZP- GKP (D/C)	-658	-390	0	692	0.00	11.45	-11.45
400 KV Patna-Balia(D/C) X 2	473	509	727	0	13.99	0.00	13.99
400 KV B'Sharif-Balia (D/C)	-247	-154	0	262	0.00	3.59	-3.59
765 KV Gaya-Balia	139	187	354	0	2.77	0.00	2.77
765 KV Gaya-Fatehpur	24	23	321	18	3.05	0.00	3.05
220 KV Pusauli-Sahupuri	118	118	187	0	3.42	0.00	3.42
132 KV K'nasa-Sahupuri	0	0	0	0	0.00	0.00	0.00
132 KV Son Ngr-Rihand	-24	-27	0	27	0.00	0.58	-0.58
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	-281	-253	16	326	0.00	4.25	-4.25
400 KV Barh -GKP (D/C)	484	494	600	0	12.20	0.00	12.20
Sub Total ER	428	907			44.37	19.88	24.49
+/- 800 KV BiswanathChariali-Agra	500	500	500	0	11.51	0.00	11.51
Sub Total NER	500	500			11.51	0.00	11.51
Total IR Exch	6774	6536			195.78	25.34	170.44

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
30.25	0.17	30.42	2.86	-6.40	8.63		4.93	-4.93
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
46.84	116.59	163.44	36.00	134.43	170.44	-10.84	17.84	7.00

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	34	0	35	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	0.81	9.22	63.12	71.72	15.95	3.16	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	5.04	49.73	22.07	49.99	0.047	0.067	0.00	0.00	28.28

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	05:02	399	11:21	0.0	0.0	0.0	0.0	0.0
Gorakhpur	400	426	05:37	404	22:54	0.0	0.0	12.5	0.0	12.5
Bareilly(PG)400kV	400	421	04:31	399	14:40	0.0	0.0	0.4	0.0	0.4
Kanpur	400	411	05:02	401	11:20	0.0	0.0	0.0	0.0	0.0
Dadri	400	426	04:00	401	11:19	0.0	0.0	27.9	0.0	27.9
Ballabgarh	400	431	04:04	404	11:21	0.0	0.0	37.7	0.3	37.7
Bawana	400	428	04:01	404	11:19	0.0	0.0	34.2	0.0	34.2
Bassi	400	425	20:37	391	08:55	0.0	0.0	6.7	0.0	6.7
Hissar	400	422	21:42	396	11:18	0.0	0.0	0.9	0.0	0.9
Moga	400	421	21:45	398	11:20	0.0	0.0	0.5	0.0	0.5
Abdullapur	400	424	20:56	403	11:18	0.0	0.0	16.6	0.0	16.6
Nalagarh	400	434	01:43	406	11:21	0.0	0.0	45.1	20.8	45.1
Kisherpur	400	429	00:46	393	11:22	0.0	0.0	9.8	0.0	9.8
Wagoora	400	406	00:45	366	11:22	68.5	81.5	0.0	0.0	68.5
Amritsar	400	430	00:45	404	11:24	0.0	0.0	41.3	0.0	41.3
Kashipur	400	422	04:04	412	11:19	0.0	0.0	5.7	0.0	5.7
Hamirpur	400	425	21:50	403	14:13	0.0	0.0	29.2	0.0	29.2
Rishikesh	400	422	05:02	397	14:35	0.0	0.0	0.8	0.0	0.8

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	770	05:02	736	22:09	0.0	3.9	0.0	0.0	0.0
Balia	765	778	05:02	740	22:09	0.0	0.6	0.0	0.0	0.0
Moga	765	804	21:43	758	11:21	0.0	0.0	1.4	0.0	1.4
Agra	765	790	21:43	745	11:21	0.0	0.0	0.0	0.0	0.0
Bhiwani	765	804	21:39	761	11:36	0.0	0.0	1.8	0.0	1.8
Unnao	765	774	05:03	738	11:19	0.0	2.7	0.0	0.0	0.0
Lucknow	765	793	05:02	753	11:20	0.0	0.0	0.0	0.0	0.0
Meerut	765	808	21:42	761	11:19	0.0	0.0	4.3	0.0	4.3
Jhatikara	765	808	21:42	762	11:21	0.0	0.0	23.6	0.0	23.6
Bareilly 765 kV	765	793	05:02	408	15:31	0.0	0.1	0.0	0.0	0.0
Anta	765	785	21:45	756	08:56	0.0	0.0	0.0	0.0	0.0
Phagi	765	793	21:44	743	09:34	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	499.58	1076.64	496.17	948.89	191.45	442.48
Pong	426.72	384.05	409.68	484.26	404.18	320.26	87.58	504.49
Tehri	829.79	740.04	799.05	593.11	807.25	748.63	61.60	220.00
Koteswar	612.50	598.50	610.63	4.95	610.15	4.69	220.00	211.00
Chamera-I	760.00	748.75	758.54	0.00	0.00	0.00	53.11	49.59
Rihand	268.22	252.98	848.90	237.90	851.00	271.50	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	497.58	3.16	505.37	3.50	58.67	102.66

* 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	-280	345	0	-732	274	0	-11.85	7.11	-4.74
Delhi	-838	-375	0	-542	242	0	-13.84	1.50	-12.34
Haryana	-413	314	0	-459	283	0	-12.98	7.30	-5.68
HP	89	268	0	151	46	0	8.87	0.65	9.52
J&K	725	0	0	703	37	0	16.14	0.12	16.26
CHD	-30	0	0	0	0	0	-0.24	0.22	-0.02
Rajasthan	-7	778	2	-7	695	2	9.05	17.24	26.29
UP	124	0	0	94	0	0	-2.08	0.00	-2.08
Uttarakhand	193	150	0	193	325	0	4.76	7.42	12.17
Total	-438	1479	2	-599	1903	2	-2.17	41.56	39.39

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-280	-732	345	211	0	0
Delhi	-279	-868	541	-443	0	0
Haryana	-413	-810	318	167	0	0
HP	584	89	268	-541	0	0
J&K	752	574	62	-164	0	0
CHD	0	-30	74	-46	0	0
Rajasthan	890	-7	848	211	2	2
UP	155	-323	0	0	0	0
Uttarakhand	224	193	554	97	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 08.01.2016 :

Fog in Haryana, Punjab & NCR region.

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 :