

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 10.01.2016

Date of Reporting : 11.01.2016

I. Regional Availability/Demand:

Demand Met	Evening Peak (19:00 Hrs) MW			Demand Met	Off Peak (03:00 Hrs) MW			Day Energy (Net MU)	
	Shortage	Requirement	Freq* (Hz)		Shortage	Requirement	Freq* (Hz)	Demand Met	Shortage
38194	1493	39687	50.05	30671	473	31144	50.11	831.9	38.16

* 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	41.47	9.80		51.27	47.78	49.22	1.44	100.49	0.00
Haryana	44.50	0.37		44.87	71.24	71.42	0.18	116.28	0.00
Rajasthan	130.52	4.82	5.55	140.88	76.07	78.46	2.39	219.34	0.00
Delhi	13.87			13.87	43.91	43.61	-0.30	57.48	0.00
UP	126.79	4.90		131.69	100.50	101.88	1.38	233.57	27.98
Uttarakhand		9.66		9.66	24.50	24.14	-0.36	33.79	0.20
HP		3.82		3.82	20.41	21.21	0.80	25.03	0.00
J & K		6.27	0.00	6.27	36.16	36.16	0.05	42.43	9.98
Chandigarh				0.00	3.30	3.52	0.27	3.52	0.00
Total	357.15	39.62	5.55	402.32	423.82	429.60	5.84	831.92	38.16

* 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	4534	0	21	-447	2969	0	32	91	5204
Haryana	5940	0	-442	-431	3780	0	99	-303	6081
Rajasthan	9334	0	-19	642	8714	0	221	757	10210
Delhi	2772	0	-207	-212	1563	0	151	-1008	3405
UP	10523	945	6	53	9852	180	106	109	10523
Uttarakhand	1681	40	-135	589	1205	0	46	312	1810
HP	1194	0	-47	289	835	0	61	383	1350
J&K	2030	508	-11	738	1662	293	-7	725	2030
Chandigarh	186	0	1	0	91	0	6	-30	207
Total	38194	1493	-833	1221	30671	473	715	1036	38418

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

figures may not be at simultaneous hour.

Diversity is 1.06

III. Regional Entities :

A. NTPC	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
	Singrauli STPS (5*200+2*500)	2000	1867	1975	1825	43.60	1816	44.05	-0.45
	Rihand I STPS (2*500)	1000	878	704	762	18.75	781	19.35	-0.61
	Rihand II STPS (2*500)	1000	966	813	681	19.21	801	20.25	-1.04
	Rihand III STPS (2*500)	1000	976	816	826	20.06	836	21.23	-1.17
	Dadri I STPS (4*210)	840	815	445	434	9.90	413	10.34	-0.44
	Dadri II STPS (2*490)	980	980	387	340	8.06	336	8.55	-0.49
	Unchahar I TPS (2*210)	420	406	285	290	6.77	282	7.71	-0.95
	Unchahar II TPS (2*210)	420	404	294	288	6.25	260	7.08	-0.84
	Unchahar III TPS (1*220)	210	202	138	134	3.09	129	3.62	-0.53
	ISTPP (Jhajjar) (3*500)	1500	1500	997	617	15.29	637	15.60	-0.31
	Dadri GPS (4*130.19+2*154.51)	830	813	250	225	5.53	230	5.96	-0.43
	Anta GPS (3*88.71+1*153.2)	419	411	0	0	0.00	0	0.00	0.00
	Auraiya GPS (4*111.19+2*109.30)	663	492	0	0	0.00	0	0.00	0.00
	Dadri Solar	5	1	0	0	0.02	1	0.02	0.00
	Unchahar Solar	10	1	0	0	0.03	1	0.03	0.00
	Singrauli Solar	15	2	0	0	0.05	2	0.05	0.00
	KHEP	800	870	735	0	2.75	115	2.61	0.14
	Sub Total (A)	12112	11584	7839	6402	159	6639	166	-7
B. NPC	NAPS (2*220)	440	405	443	450	9.86	411	9.72	0.14
	RAPS- B (2*220)	440	398	441	448	9.65	402	9.55	0.10
	RAPS- C (2*220)	440	420	455	460	9.92	413	10.08	-0.16
	Sub Total (B)	1320	1223	1339	1358	29.43	1226	29.35	0.08
C. NHPC	Chamera I HPS (3*180)	540	540	497	0	1.81	75	1.62	0.19
	Chamera II HPS (3*100)	300	300	304	0	1.21	50	1.14	0.06
	Chamera III HPS (3*77)	231	154	153	0	0.69	29	0.60	0.09
	Bairasuli HPS(3*60)	180	124	125	0	0.54	23	0.50	0.05
	Salal-HPS (6*115)	690	117	229	70	3.09	129	2.81	0.29
	Tanakpur-HPS (3*40)	94	19	23	15	0.48	20	0.44	0.03
	Uri-I HPS (4*120)	480	242	339	232	5.96	248	5.79	0.17
	Uri-II HPS (4*60)	240	138	173	123	3.37	140	3.32	0.04
	Dhauliganga-HPS (4*70)	280	140	142	0	0.81	34	0.77	0.04
	Dulhasti-HPS (3*130)	390	258	269	0	2.95	123	2.90	0.05
	Sewa-II HPS (3*40)	120	119	123	0	0.37	15	0.37	0.01
	Parbati 3 (4*130)	520	0	0	0	0.81	34	0.00	0.81
	Sub Total (C)	4065	2151	2378	440	22	921	20	2
D.SJVNL	NJPC (6*250)	1500	1080	1086	0	7.11	296	7.09	0.01
	Rampur HEP (6*68.67)	412	285	300	0	1.99	83	1.93	0.06
	Sub Total (D)	1912	1365	1386	0	9.09	379	9.02	0.08
E. THDC	Tehri HPS (4*250)	1000	940	936	0	8.21	342	8.20	0.01
	Koteshwar HPS (4*100)	400	130	302	91	3.12	130	3.13	0.00
	Sub Total (E)	1400	1070	1238	91	11.33	472	11.33	0.01
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	586	1094	348	14.31	596	14.07	0.24
	Dehar HPS (6*165)	990	127	495	0	2.95	123	3.04	-0.09
	Pong HPS (6*66)	396	241	384	66	5.64	235	5.78	-0.14
	Sub Total (F)	2765	954	1973	414	22.90	954	22.89	0.01
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	110	0	0.43	18	0.44	-0.01
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	630	0	3.98	166	3.96	0.02
	Malana Stg-II HPS (2*50)	100	0	0	0	0.20	8	0.19	0.01
	Shree Cement TPS (2*150)	300	0	289	293	7.02	293	7.14	-0.11
	Budhil HPS(IPP) (2*35)	70	0	38	0	0.16	6	0.15	0.00
	Sub Total (G)	1662	0	1067	293	11.79	491	11.88	-0.09
H. Total Regional Entities (A-G)		25237	18347	17219	8997	265.98	11083	271.19	-5.20

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	3.75	156
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	100	100	2.26	94
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	205	204	4.93	206
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	703	398	21.08	878
	Talwandi Saboo (2*660)	1320	345	322	9.45	394
	Thermal (Total)	5360	1513	1184	41.47	1728
	Total Hydro	1000	411	266	9.80	408
	Total Punjab	6360	1924	1450	51.27	2136
	Haryana	Panipat TPS (4*110+2*210+2*250)	1367	203	222	4.16
DCRTPP (Yamuna nagar) (2*300)		600	277	236	6.02	251
Faridabad GPS (NTPC)		432	0	0	0.00	0
RGTPP (kheadar) (IPP) (2*600)		1200	1119	781	23.14	964
Magnum Diesel (IPP)		25	0	0	0.00	0
Jhajjar(CLP) (2*660)		1320	559	373	11.18	466
Thermal (Total)		4944	2158	1612	44.50	1854
Total Hydro		62	9	17	0.37	15
Total Haryana		5006	2167	1629	44.87	1869
Rajasthan		kota TPS (2*110+2*195+3*210)	1240	856	861	21.19
	suratgarh TPS (6*250)	1500	576	580	14.08	587
	Chabra TPS (4*250)	1000	571	591	15.26	636
	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	4.83	201
	RAPS A (NPC) (1*100+1*200)	300	161	164	4.02	168
	Barsingsar (NLC) (2*125)	250	89	85	2.03	85
	Giral LTSPS (2*125)	250	56	56	1.10	46
	Rajwest LTSPS (IPP) (8*135)	1080	657	728	17.09	712
	VS LIGNITE LTSPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(2*600)	1200	925	926	22.72	947
	Kawai(Adani) (2*660)	1320	955	1197	28.19	1175
	Thermal (Total)	8876	5039	5383	131	5438
	Total Hydro	550	166	186	4.82	201
	Wind power	3214	226	232	4.84	202
	Biomass	99	17	17	0.41	17
	Solar	730	5	0	0.30	12
	Renewable/Others (Total)	4043	248	249	5.55	231
	Total Rajasthan	13469	5453	5818	140.88	5870
	UP	Anpara TPS (3*210+2*500)	1630	1395	1394	33.20
Obra TPS (2*50+2*94+5*200)		1194	364	184	8.30	346
Paricha TPS (2*110+2*220+2*250)		1140	625	896	18.20	758
Panki TPS (2*105)		210	0	0	0.00	0
Harduaganj TPS (1*80+1*105+2*250)		665	425	536	11.80	492
Tanda TPS (NTPC) (4*110)		440	274	294	7.39	308
Roza TPS (IPP) (4*300)		1200	191	194	4.90	204
Anpara-C (IPP) (2*600)		1200	1086	1077	23.80	992
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	0	0	0.00	0
Bara(2*660)		1320	0	0	0.00	0
Thermal (Total)		11269	4360	4575	108	4483
Vishnuparyag HPS (IPP)(4*110)		440	77	72	1.80	75
Alakananda(4*82.5)		330	54	53	1.00	42
Other Hydro		527	60	60	2.10	88
Cogeneration		981	800	800	19.20	800
Total UP	13547	5351	5560	132	5487	
Uttarakhand	Total Hydro	1398	630	372	9.66	402
	Total Uttarakhand	1398	630	372	9.66	402
Delhi	Rajghat TPS (2*67.5)	135	0	0	-0.01	0
	Delhi Gas Turbine (6x30 + 3x34)	282	31	29	0.84	35
	Prahati Gas Turbine (2x104+ 1x122)	330	137	140	3.49	145
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	251	250	6.01	250
	Badarpur TPS (NTPC) (3*95+2*210)	705	167	165	3.54	148
	Thermal (Total)	2917	586	584	13.87	578
Total Delhi	2917	586	584	13.87	578	
HP	Baspa HPS (IPP) (3*100)	300	32	0	1.00	42
	Malana HPS (IPP) (2*43)	86	0	0	0.17	7
	Other Hydro	878	145	72	2.65	110
	Total HP	1264	177	72	3.82	159
J & K	Badlihar HPS (IPP) (3*150)	450	251	142	4.17	174
	Other Hydro/IPP	560	104	57	2.10	88
	Gas/Diesel/Other	190	0	0	0.00	0
	Total J & K	1200	355	199	6.27	261
Total State Control Area Generation		45161	16643	15684	402.32	16763
J. Net Inter Regional Exchange [import(+ve)/Export(-ve)]			7138	7269	183.91	7663
Total Regional Availability(Gross)		70398	41000	31950	852.21	35509

IV. Total Hydro Generation:

Regional Entities Hydro	12234	8449	944	72.78	3033
State Control Area Hydro	6581	1939	1297	40	1651
Total Regional Hydro	18815	10388	2241	112.41	4684

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)	250	-100	250	100	2.32	1.21	1.11
765 KV Gwalior-Agra (D/C)	2340	2711	3127	0	66.61	0.00	66.61
400 KV Zarda-Kankrol	-88	-113	60	126	0.00	0.96	-0.96
400 KV Zarda-Bhimmal	22	-2	226	35	1.62	0.00	1.62
220 KV Auraiya-Malanpur	-60	-12	0	60	0.00	0.61	-0.61
220 KV Badod-Kota/Morak	8	-25	43	31	0.28	0.00	0.28
Mundra-Mohindergarh(HVDC Bipole)	2504	2199	2506	0	56.34	0.00	56.34
400 KV Vindhyachal - Rihand	0	0	0	0	0.00	0.00	0.00
765 kV Phagi-Gwalior (D/C)	851	928	1211	0	24.84	0.00	24.84
Sub Total WR	5827	5586			152.01	2.78	149.23
Pusauli Bypass/HVDC	400	400	400	0	5.67	0.00	5.67
400 KV MZP- GKP (D/C)	-724	-290	0	724	0.00	9.29	-9.29
400 KV Patna-Balia(D/C) X 2	650	577	665	0	13.93	0.00	13.93
400 KV B'Sharif-Balia (D/C)	-11	-136	0	307	0.00	4.63	-4.63
765 KV Gaya-Balia	238	198	270	0	2.11	0.00	2.11
765 KV Gaya-Fatehpur	33	79	276	2	3.31	0.00	3.31
220 KV Pusauli-Sahupuri	0	0	0	0	0.00	0.00	0.00
132 KV K'nasa-Sahupuri	0	0	0	0	0.00	0.00	0.00
132 KV Son Ngr-Rihand	-18	-26	0	26	0.00	0.57	-0.57
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	-241	-147	112	273	0.00	1.86	-1.86
400 KV Barh -GKP (D/C)	484	528	582	0	14.34	0.00	14.34
Sub Total ER	811	1183			39.36	16.34	23.02
+/- 800 KV BiswanathChariali-Agra	500	500	500	0	11.66	0.00	11.66
Sub Total NER	500	500			11.66	0.00	11.66
Total IR Exch	7138	7269			203.03	19.11	183.91

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
26.43	0.17	26.60	0.71	-5.53	5.68		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
37.91	138.21	176.12	34.68	149.23	183.91	-3.23	11.02	7.79

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	-32	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	0.00	1.45	30.93	58.77	27.15	11.91	0.79	NA

<----- Frequency (Hz) ----->				Average Frequency Hz	Frequency Variation Index	Std. Dev.	Frequency in 15 Min Block		Freq Dev Index (% of Time)
Maximum		Minimum					MAX (Hz)	MIN (Hz)	
50.26	18.02	49.83	22.08	50.03	0.049	0.062	50.15	49.94	41.23

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	499.24	1064.89	495.80	937.45	203.26	445.14
Pong	426.72	384.05	409.36	474.29	403.98	312.39	74.70	377.89
Tehri	829.79	740.04	798.15	578.70	806.65	736.90	65.22	217.00
Koteswar	612.50	598.50	610.36	4.95	608.90	4.04	217.00	205.48
Chamera-I	760.00	748.75	758.53	0.00	0.00	0.00	48.61	48.61
Rihand	268.22	252.98	848.80	0.00	0.00	0.00	0.00	0.00
RPS	352.80	343.81	1138.71	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	496.97	2.88	504.84	3.35	65.84	170.90

* 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	-273	364	0	-730	283	0	-11.71	8.10	-3.61
Delhi	-838	-169	0	-542	330	0	-13.84	4.85	-8.99
Haryana	-563	259	0	-607	176	0	-15.21	4.94	-10.27
HP	89	295	0	151	138	0	8.87	0.26	9.14
J&K	725	0	0	701	37	0	15.68	-0.89	14.79
CHD	-30	0	0	0	0	0	-0.24	-0.05	-0.29
Rajasthan	-7	762	3	-7	647	3	9.05	15.23	24.29
UP	109	0	0	53	0	0	-2.48	0.00	-2.48
Uttarakhand	193	119	0	193	396	0	4.76	6.21	10.97
Total	-597	1630	3	-789	2007	3	-5.12	38.65	33.54

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-273	-730	366	246	0	0
Delhi	-279	-868	740	-243	0	0
Haryana	-563	-821	262	119	0	0
HP	584	89	319	-648	0	0
J&K	750	574	49	-152	0	0
CHD	0	-30	15	-46	0	0
Rajasthan	890	-7	764	-212	3	3
UP	140	-344	0	0	0	0
Uttarakhand	224	193	433	102	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 10.01.2016 :

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 :