

पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पब्लिसिटी की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)



उत्तरी क्षेत्रीय भार प्रेषण केंद्र

CIN: U40105DL2009GO188682

Power Supply Position in Northern Region for 16.12.2015
Date of Reporting : 17.12.2015

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
39395	1768	41163	50.12	29256	489	29744	50.09	828.2	37.58

* 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 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	40.76	12.08		52.84	46.74	47.05	0.31	99.89	0.00
Haryana	58.35	0.45		58.80	57.59	57.55	-0.03	116.35	0.00
Rajasthan	126.98	4.87	6.89	138.75	75.63	77.00	1.38	215.75	0.00
Delhi	12.35			12.35	47.63	48.12	0.48	60.46	0.17
UP	124.68	4.10		128.78	98.35	98.04	-0.31	226.82	25.45
Uttarakhand		6.53		6.53	25.52	28.63	3.10	35.16	1.62
HP		4.53		4.53	20.97	21.89	0.91	26.42	0.03
J & K		7.77	0.00	7.77	35.65	36.01	0.37	43.78	10.31
Chandigarh				0.00	3.56	3.56	0.27	3.56	0.00
Total	363.12	40.33	6.89	410.35	411.64	417.85	6.48	828.20	37.58

* 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	4536	0	-199	-742	3192	0	157	-357	4877
Haryana	6267	0	24	-68	3448	0	-36	-15	6267
Rajasthan	9867	0	-138	675	8332	0	110	707	10150
Delhi	3076	0	-96	-175	1448	0	70	-1329	3440
UP	10311	1200	-19	-144	9093	190	-132	115	10311
Uttarakhand	1831	75	88	567	1178	0	100	393	1878
HP	1340	0	-5	332	785	0	73	241	1409
J&K	1974	493	104	616	1692	299	-90	632	1977
Chandigarh	193	0	-23	0	88	0	1	-30	204
Total	39395	1768	-264	1061	29256	489	254	356	39395

UI/OA/PX/IOD/Import: (+ve), UD/Export: (-ve)

STOA figures are at sellers boundary & PX 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
A. NTPC	Singrauli STPS (5*200+2*500)	2000	1539	1555	1430	37.23	1551	36.18	1.05
	Rihand I STPS (2*500)	1000	855	857	692	18.91	788	18.79	0.12
	Rihand II STPS (2*500)	1000	956	894	867	21.63	901	21.05	0.59
	Rihand III STPS (2*500)	1000	973	1041	895	22.27	928	21.90	0.37
	Dadri I STPS (4*210)	840	810	281	282	6.99	291	7.04	-0.05
	Dadri II STPS (2*490)	980	990	366	341	8.87	370	9.61	-0.74
	Unchahar I TPS (2*210)	420	406	304	308	8.18	341	8.26	-0.08
	Unchahar II TPS (2*210)	420	404	313	302	8.09	337	8.16	-0.08
	Unchahar III TPS (1*220)	210	202	152	136	4.04	168	4.06	-0.03
	I-STPP (Jhajjar) (3*500)	1500	1500	885	613	15.52	647	15.92	-0.41
	Dadri GPS (4*130.19+2*154.51)	830	550	575	581	14.47	603	14.84	-0.37
	Anta GPS (3*88.71+1*153.2)	419	417	171	244	5.15	215	5.38	-0.24
	Auraiya GPS (4*111.19+2*109.30)	663	658	263	278	5.94	248	6.07	-0.13
	Dadri Solar	5	1	0	0	0.00	0	0.02	-0.02
	Unchahar Solar	10	1	0	0	0.00	0	0.03	-0.03
	Singrauli Solar	15	2	0	0	0.00	0	0.05	-0.05
Sub Total (A)	12112	10909	8057	6969	180	7499	180	0	
B. NPC	NAPS (2*220)	440	203	223	229	4.80	200	4.87	-0.07
	RAPS-B (2*220)	440	400	438	443	9.56	399	9.60	-0.04
	RAPS-C (2*220)	440	418	418	418	10.03	418	10.03	0.00
	Sub Total (B)	1320	1021	1079	1090	24.40	1017	24.50	-0.11
C. NHPC	Chamera I HPS (3*180)	540	540	554	0	3.45	144	3.10	0.35
	Chamera II HPS (3*100)	300	300	308	0	1.38	58	1.25	0.13
	Chamera III HPS (3*77)	231	154	157	0	0.87	36	0.75	0.12
	Bairasuli HPS(3*60)	180	124	124	0	0.60	25	0.56	0.04
	Salal-HPS (6*115)	690	155	295	188	4.47	186	3.71	0.76
	Tanakpur-HPS (3*40)	94	19	28	32	0.61	26	0.45	0.16
	Uri-I HPS (4*120)	480	268	330	313	7.30	304	6.40	0.90
	Uri-II HPS (4*60)	240	163	163	165	4.20	175	3.91	0.30
	Dhauliganga-HPS (4*70)	280	210	140	0	1.09	45	1.00	0.09
	Dulhasti-HPS (3*130)	390	258	272	0	3.45	144	3.30	0.15
	Sewa-II HPS (3*40)	120	0	0	0	0.00	0	0.00	0.00
	Parbati 3 (4*130)	520	0	0	0	0.81	34	0.00	0.81
	Sub Total (C)	4065	2190	2371	698	28	1176	24	4
D.SJVNL	NJPC (6*250)	1500	1605	1311	0	7.53	314	7.35	0.18
	Rampur HEP (6*68.67)	412	432	448	0	2.11	88	2.04	0.07
	Sub Total (D)	1912	2037	1759	0	9.64	402	9.40	0.25
E. THDC	Tehri HPS (4*250)	1000	1012	1008	0	6.49	270	6.30	0.19
	Koteswar HPS (4*100)	400	100	101	100	2.42	101	2.40	0.02
	Sub Total (E)	1400	1112	1109	100	8.90	371	8.70	0.20
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	698	1198	349	17.05	710	16.75	0.29
	Dehar HPS (6*165)	990	165	495	0	4.03	168	3.96	0.07
	Pong HPS (6*66)	396	256	324	60	6.17	257	6.15	0.02
	Sub Total (F)	2765	1119	2017	409	27.25	1135	26.86	0.38
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	21	0	0.56	23	0.54	0.01
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	630	0	4.12	171	4.08	0.04
	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	265	6.21	259	6.19	0.03
	Budhi HPS(IPP) (2*35)	70	0	38	0	0.34	14	0.34	0.00
	Sub Total (G)	1662	0	950	265	11.23	468	11.15	0.08
H. Total Regional Entities (A-G)	25237	18388	17342	9531	289.61	12067	285.10	4.51	

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	3.87	161
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	0	0	0.00	0
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	235	202	4.88	203
	Goindwal(GVK)	0	0	0	0.00	0
	Rajpura (2*700)	1400	852	709	23.71	988
	Talwandi Saboo (2*660)	1320	403	343	8.31	346
	Thermal (Total)	5360	1650	1414	40.76	1698
	Total Hydro	1000	556	480	12.08	503
	Total Punjab	6360	2206	1894	52.84	2202
	Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00
DCRTPP (Yamuna nagar) (2*300)		600	548	464	12.50	521
Faridabad GPS (NTPC)		432	0	0	0.00	0
RGTPP (khedar) (IPP) (2*600)		1200	1135	764	21.81	909
Magnum Diesel (IPP)		25	0	0	0.00	0
Jhajjar(CLP) (2*660)		1320	1133	739	24.05	1002
Thermal (Total)		4944	2816	1967	58.35	2431
Total Hydro		62	12	12	0.45	19
Total Haryana		5006	2828	1979	58.80	2450
Rajasthan		kota TPS (2*110+2*195+3*210)	1240	891	866	22.13
	suratgarh TPS (6*250)	1500	795	614	17.15	715
	Chabra TPS (4*250)	1000	499	412	10.31	430
	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	211	5.23	218
	RAPS A (NPC) (1*100+1*200)	300	164	165	4.05	169
	Barsingar (NLC) (2*125)	250	184	187	4.29	179
	Giral LTPS (2*125)	250	84	48	1.58	66
	Rajwest LTPS (IPP) (8*135)	1080	964	969	22.30	929
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(2*600)	1200	601	505	12.71	530
	Kawai(Adani) (2*660)	1320	1204	1182	27.23	1135
	Thermal (Total)	8876	5599	5159	127	5291
	Total Hydro	550	177	202	4.87	203
	Wind power	3214	294	157	6.17	257
	Biomass	99	18	18	0.43	18
	Solar	730	5	0	0.29	12
	Renewable/Others (Total)	4043	317	175	6.89	287
	Total Rajasthan	13469	6093	5536	138.75	5781
	UP	Anpara TPS (3*210+2*500)	1630	1355	1401	32.10
Obra TPS (2*50+2*94+5*200)		1194	459	440	10.40	433
Paricha TPS (2*110+2*220+2*250)		1140	588	536	15.00	625
Panki TPS (2*105)		210	0	0	0.00	0
Harduaganj TPS (1*60+1*105+2*250)		665	333	330	9.60	400
Tanda TPS (NTPC) (4*110)		440	283	276	7.48	312
Roza TPS (IPP) (4*300)		1200	383	388	10.20	425
Anpara-C (IPP) (2*600)		1200	1085	720	23.10	963
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	4486	4091	108	4495
Vishnuparyag HPS (IPP)(4*110)		440	88	86	2.10	88
Alaknanda(4*82.5)		330	53	52	1.20	50
Other Hydro		527	65	25	0.80	33
Cogeneration		981	700	700	16.80	700
Total UP	12227	5392	4954	129	5366	
Uttarakhand	Total Hydro	1398	482	181	6.53	272
	Total Uttarakhand	1398	482	181	6.53	272
Delhi	Rajghat TPS (2*67.5)	135	0	0	-0.02	-1
	Delhi Gas Turbine (6x30 + 3x34)	282	38	0	0.36	15
	Pragati Gas Turbine (2x104+ 1x122)	330	142	141	3.37	141
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	252	257	5.04	210
	Badarpur TPS (NTPC) (3*95+2*210)	705	165	165	3.59	149
	Thermal (Total)	2917	597	563	12.35	514
	Total Delhi	2917	597	563	12.35	514
HP	Baspa HPS (IPP) (3*100)	300	28	0	1.03	43
	Malana HPS (IPP) (2*43)	86	45	0	0.29	12
	Other Hydro	878	167	122	3.22	134
	Total HP	1264	240	122	4.53	189
J & K	Baglihar HPS (IPP) (3*150)	450	237	230	5.54	231
	Other Hydro/IPP	560	103	89	2.24	93
	Gas/Diesel/Others	190	0	0	0.00	0
	Total J & K	1200	340	319	7.77	324
Total State Control Area Generation		43841	18178	15548	410.35	17098
J. Net Inter Regional Exchange (Import (+ve)/Export (-ve))			6146	5325	152.85	6369
Total Regional Availability(Gross)		69078	41666	30404	852.81	35534

IV. Total Hydro Generation:

Regional Entities Hydro	12234	8307	1207	81.38	3391
State Control Area Hydro	6581	2013	1479	40	1681
Total Regional Hydro	18815	10320	2686	121.72	5072

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	
Vindhyachal(HVDC B/B)	100	-150	100	300	0.35	3.11	-2.77
765 KV Gwalior-Agra (D/C)	2531	2538	3096	0	64.55	0.00	64.55
400 KV Zerda-Kankroli	-214	-272	0	314	0.00	4.61	-4.61
400 KV Zerda-Bhimnal	-142	-192	37	298	0.00	2.78	-2.78
220 KV Auraiya-Malanpur	-77	-61	0	96	0.00	1.43	-1.43
220 KV Badod-Kota/Morak	0	-89	5	89	0.00	0.75	-0.75
Mundra-Mohindergarh(HVDC Bipole)	2496	1597	2507	0	48.51	0.00	48.51
400 KV Vindhyachal - Rihand	0	0	0	0	0.00	0.00	0.00
765 kV Phagi-Gwalior (D/C)	1034	959	687	0	28.57	0.00	28.57
Sub Total WR	5728	4330			141.97	12.68	129.29
Pusaali Bypass/HVDC	350	250	350	0	6.99	0.00	6.99
400 KV MZP- GKP (D/C)	-304	50	212	304	0.00	1.30	-1.30
400 KV Patna-Balia(D/C) X 2	320	412	472	0	10.46	0.00	10.46
400 KV B'Sharif-Balia (D/C)	22	14	168	0	0.20	0.00	0.20
765 KV Gaya-Balia	111	193	265	0	1.87	0.00	1.87
765 KV Gaya-Fatehpur	110	137	379	0	5.00	0.00	5.00
220 KV Pusaali-Sahupuri	131	130	160	0	2.80	0.00	2.80
132 KV K'nasa-Sahupuri	0	0	0	0	0.00	0.00	0.00
132 KV Son Nar-Rihand	-23	-26	0	28	0.00	0.53	-0.53
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	-143	-43	206	148	0.21	0.00	0.21
400 KV Barh -GKP (D/C)	344	378	460	0	9.40	0.00	9.40
Sub Total ER	918	1495			36.93	1.83	35.11
+/- 800 KV Biswanath-Charialli-Agra	-500	-500	0	500	0.00	11.54	-11.54
Sub Total NER	-500	-500			0.00	11.54	-11.54
Total IR Exch	6146	5325			178.90	26.05	152.85

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
28.73	0.08	28.81	0.35	-10.63	13.34	23.52	6.18	-6.18
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
48.68	101.31	149.99	23.57	129.29	152.85	-25.11	27.98	2.87

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	-34	-35	0	36	0	1	-0.75

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	0.08	2.41	19.85	67.49	68.97	8.74	2.64	0.20	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)			
50.27	18.01	49.69	6.28	49.96	0.073	0.077	50.18	49.88	31.03

VII. Voltage profile 400 kV

Station	Voltage Level (kV)	Maximum		Minimum		Voltage (in % of Time)			
		Voltage(KV)	Time	Voltage (KV)	Time	<380 kV	<390 kV	>420 kV	>430 kV
Rihand	400	405	05:00	398	00:12	0.0	0.0	0.0	0.0
Gorakhpur	400	426	04:37	405	11:45	0.0	0.0	17.5	0.0
Bareilly(PG)400kV	400	425	05:02	396	10:38	0.0	0.0	6.1	0.0
Kanpur	400	411	05:01	399	09:45	0.0	0.0	12.8	0.0
Dadri	400	427	04:02	399	09:47	0.0	0.0	23.7	0.0
Ballabgarh	400	434	05:02	400	09:47	0.0	0.0	38.0	5.1
Bawana	400	429	04:03	400	11:23	0.0	0.0	33.7	0.0
Bassi	400	427	20:43	388	09:46	0.0	0.5	9.2	0.0
Hissar	400	420	04:01	390	11:36	0.0	0.0	0.0	0.0
Moga	400	421	04:00	394	11:35	0.0	0.0	0.5	0.0
Abdullapur	400	423	04:00	397	11:36	0.0	0.0	12.2	0.0
Nalagarh	400	434	03:59	164	10:11	27.4	27.4	42.5	14.4
Kishenpur	400	425	04:03	396	18:12	0.0	0.0	15.7	0.0
Wagoora	400	400	03:39	371	18:14	12.7	71.4	0.0	0.0
Amritsar	400	427	02:33	401	11:35	0.0	0.0	28.9	0.0
Kashipur	400	0	00:00	9999	00:00	0.0	0.0	0.0	0.0
Hamirpur	400	418	02:01	393	07:26	0.0	0.0	0.0	0.0
Rishkesh	400	0	00:00	9999	00:00	0.0	0.0	0.0	0.0

VIII. Voltage profile 765 kV

Station	Voltage Level (kV)	Maximum		Minimum		Voltage (in % of Time)			
		Voltage(KV)	Time	Voltage (KV)	Time	<728 kV	<742 kV	>800 kV	>820 kV
Fatehpur	765	790	05:02	741	09:45	0.0	0.5	0.0	0.0
Balia	765	798	05:02	748	11:46	0.0	0.0	0.0	0.0
Moga	765	798	04:02	747	11:36	0.0	0.0	0.0	0.0
Agra	765	796	05:02	736	09:45	0.0	1.7	0.0	0.0
Bhivani	765	806	05:00	754	09:40	0.0	0.0	5.8	0.0
Unnao	765	782	05:02	733	10:37	0.0	8.3	0.0	0.0
Lucknow	765	803	05:02	762	17:51	0.0	0.0	0.6	0.0
Meerut	765	809	20:53	747	09:45	0.0	0.0	5.6	0.0
Jhatikara	765	807	20:53	756	11:40	0.0	0.0	6.8	0.0
Bareilly 765 kV	765	801	05:02	747	11:41	0.0	0.0	0.0	0.0
Anta	765	789	20:45	756	09:10	0.0	0.0	0.0	0.0
Phagi	765	794	05:01	738	09:45	0.0	0.7	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	503.90	1258.87	500.28	1101.35	220.47	519.08
Pong	426.72	384.05	413.41	611.20	407.78	425.81	69.09	389.02
Tehri	829.79	740.04	808.15	766.21	814.55	893.26	64.74	155.00
Kolleshwar	612.50	598.50	611.13	5.20	609.71	4.44	155.00	159.07
Chamera-I	760.00	748.75	758.12	0.00	0.00	0.00	66.49	92.88
Rihand	268.22	252.98	849.60	249.10	853.40	311.30	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	502.53	4.19	508.31	2.89	113.13	226.44

* 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	-729	371	0	-1056	314	0	-18.37	8.37	-10.00
Delhi	-1116	-213	0	-566	391	0	-16.40	4.35	-12.05
Haryana	-334	319	0	-359	292	0	-8.50	7.54	-0.96
HP	150	92	0	427	-95	0	9.64	-2.63	7.00
J&K	632	0	0	468	148	0	13.52	-0.41	13.11
CHD	-30	0	0	0	0	0	-0.24	0.08	-0.17
Rajasthan	-7	712	2	-7	680	2	8.65	16.81	25.46
UP	115	0	0	-144	0	0	-3.45	0.00	-3.45
Uttarakhand	193	200	0	225	342	0	4.92	7.20	12.12
Total	-1126	1480	2	-1013	2072	2	-10.22	41.30	31.07

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-650	-1056	372	271	0	0
Delhi	-399	-1116	655	-269	0	0
Haryana	-334	-359	336	292	0	0
HP	561	150	92	-802	0	0
J&K	695	464	148	-178	0	0
CHD	0	-30	30	-39	0	0
Rajasthan	728	-7	1014	597	2	2
UP	146	-378	0	0	0	0
Uttarakhand	225	193	585	113	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 16.12.2015 :
Normal.

XV. Synchronisation of new generating units :

XVI. Synchronisation of new 220 / 400 / 765 KV lines and energising of bus / substation :

(a) : New 765 kV Bus reactor Tie bay (Bay No. 705) first time charged on 19.56 hrs/16.12.15 at 765/400 KV bareilly Substation

(b) : New 765 kV ICT-2 tie bay (bay no. 711) first time charged on 19.44 hrs/16.12.15 at 765/400 KV bareilly Substation.

© : New 400 kV ICT-2 main bay (bay no. 404) first time charged on 18.35 hrs/16.12.15 at 765/400 KV bareilly Substation

XVII. Tripping of lines in pooling stations :

XVIII. Complete generation loss in a generating station :

Voltage Deviation Index (% of Time)
0.0
17.5
6.1
12.8
23.7
38.0
33.7
9.2
0.0
0.5
12.2
69.9
15.7
12.7
28.9
0.0
0.0
0.0

Voltage Deviation Index (% of Time)
0.0
0.0
0.0
0.0
5.8
0.0
0.6
5.6
6.8
0.0
0.0
0.0

