

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 15.12.2015

Date of Reporting : 16.12.2015

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
38846	1559	40405	50.12	29351	537	29889	50.09	818.2	37.40

* 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	42.51	12.61		55.12	43.75	44.89	1.14	100.01	0.00
Haryana	54.85	0.52		55.37	60.46	59.54	-0.92	114.90	0.00
Rajasthan	126.35	5.20	2.23	133.78	78.19	78.91	0.72	212.69	0.34
Delhi	15.61			15.61	46.30	46.55	0.26	62.16	0.27
UP	118.60	4.30		122.90	100.83	97.79	-3.04	220.69	25.41
Uttarakhand		6.94		6.94	24.65	27.65	3.00	34.59	1.10
HP		4.87		4.87	19.69	21.19	1.50	26.06	0.01
J & K		6.27	0.00	6.27	35.85	37.36	1.51	43.63	10.28
Chandigarh				0.00	3.58	3.50	0.27	3.50	0.00
Total	357.92	40.71	2.23	400.86	413.30	417.37	4.42	818.23	37.40

* 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	4877	0	-139	-754	3206	0	183	-455	4978
Haryana	6250	0	-103	-63	3487	0	64	-119	6250
Rajasthan	9784	0	-54	630	8247	0	143	772	10025
Delhi	3130	0	-51	-258	1442	0	78	-1383	3394
UP	9528	990	-1013	-139	9265	240	384	215	9909
Uttarakhand	1798	75	131	444	1148	0	169	201	1798
HP	1325	0	18	207	786	0	69	248	1417
J&K	1976	494	60	651	1686	297	9	642	2014
Chandigarh	179	0	-19	-20	85	0	-2	-30	198
Total	38846	1559	-1170	699	29351	537	1097	-8	38846

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	1865	2088	2023	45.76	1906	44.76	1.00
	Rihand I STPS (2*500)	1000	873	921	771	20.04	835	20.09	-0.05
	Rihand II STPS (2*500)	1000	963	1048	702	21.75	906	21.26	0.49
	Rihand III STPS (2*500)	1000	973	1048	917	22.45	935	22.08	0.37
	Dadri I STPS (4*210)	840	810	286	276	7.03	293	7.26	-0.23
	Dadri II STPS (2*490)	980	980	339	329	8.71	363	9.32	-0.62
	Unchahar I TPS (2*210)	420	406	348	306	8.09	337	8.04	0.04
	Unchahar II TPS (2*210)	420	404	333	296	7.93	330	7.81	0.12
	Unchahar III TPS (1*220)	210	202	192	148	4.11	171	3.94	0.17
	ISTPP (Jhajjar) (3*500)	1500	1500	958	612	14.76	615	15.01	-0.25
	Dadri GPS (4*130.19+2*154.51)	830	550	811	599	15.36	640	15.47	-0.11
	Anta GPS (3*88.71+1*153.2)	419	417	235	222	5.79	241	5.80	-0.01
	Auraiya GPS (4*111.19+2*109.30)	663	658	285	207	5.44	227	5.40	0.04
	Dadri Solar	5	1	0	0	0.02	1	0.02	0.00
	Unchahar Solar	10	1	0	0	0.03	1	0.02	0.00
	Singrauli Solar	15	2	0	0	0.06	2	0.04	0.02
	KHEP	800	655	543	0	3.37	140	3.02	0.35
Sub Total (A)	12112	11259	9435	7408	191	7944	189	1	
B. NPC	NAPS (2*220)	440	205	226	228	4.88	203	4.92	-0.04
	RAPS-B (2*220)	440	401	441	444	9.59	400	9.62	-0.03
	RAPS-C (2*220)	440	418	460	462	9.99	416	10.03	-0.04
	Sub Total (B)	1320	1024	1127	1134	24.46	1019	24.58	-0.12
C. NHPC	Chamera I HPS (3*180)	540	540	553	0	3.42	143	3.10	0.33
	Chamera II HPS (3*100)	300	300	305	0	1.55	64	1.37	0.18
	Chamera III HPS (3*77)	231	154	46	0	0.92	38	0.75	0.17
	Bairasuli HPS(3*60)	180	124	125	0	0.49	20	0.45	0.04
	Salal-HPS (6*115)	690	128	224	242	3.73	156	3.09	0.65
	Tanakpur-HPS (3*40)	94	19	31	30	0.68	28	0.45	0.22
	Uri-I HPS (4*120)	480	273	318	269	7.30	304	6.52	0.78
	Uri-II HPS (4*60)	240	165	163	213	4.20	175	3.96	0.24
	Dhauliganga-HPS (4*70)	280	152	153	0	1.07	45	1.00	0.07
	Dulhasti-HPS (3*130)	390	258	273	0	3.46	144	3.30	0.16
	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	2113	2190	754	28	1151	24	4
D.SJVNL	NJPC (6*250)	1500	1605	1336	0	8.03	335	7.76	0.27
	Rampur HEP (6*68.67)	412	432	447	0	2.22	93	2.15	0.07
	Sub Total (D)	1912	2037	1783	0	10.25	427	9.92	0.34
E. THDC	Tehri HPS (4*250)	1000	1012	1008	0	6.62	276	6.40	0.22
	Koteswar HPS (4*100)	400	100	101	101	2.42	101	2.40	0.02
	Sub Total (E)	1400	1112	1109	101	9.04	377	8.80	0.24
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	682	1180	349	16.46	686	16.37	0.09
	Dehar HPS (6*165)	990	172	495	0	4.24	176	4.12	0.12
	Pong HPS (6*66)	396	269	324	60	6.54	272	6.46	0.08
	Sub Total (F)	2765	1123	1999	409	27.23	1135	26.95	0.28
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	32	0	0.52	22	0.51	0.01
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	630	0	4.44	185	4.32	0.12
	Malana Stg-II HPS (2*50)	100	0	0	0	0.00	0	0.00	0.00
	Shree Cement TPS (2*150)	300	0	263	258	6.25	261	6.21	0.04
	Budhi HPS(IPP) (2*35)	70	0	38	0	0.20	8	0.19	0.00
	Sub Total (G)	1662	0	963	258	11.41	475	11.23	0.19
H. Total Regional Entities (A-G)	25237	18668	18606	10065	300.68	12528	294.78	5.90	

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	4.28	178
	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	232	290	5.33	222
	Goindwal(GVK)	0	0	0	0.00	0
	Rajpura (2*700)	1400	1166	906	24.67	1028
	Talwandi Saboo (2*660)	1320	347	370	8.23	343
	Thermal (Total)	5360	1955	1686	42.51	1771
	Total Hydro	1000	575	454	12.61	525
	Total Punjab	6360	2530	2140	55.12	2297
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00	0
	DCRTPP (Yamuna nagar) (2*300)	600	548	468	12.41	517
	Faridabad GPS (NTPC)	432	0	0	0.00	0
	RGTPP (khedar) (IPP) (2*600)	1200	1144	405	18.25	760
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	1149	741	24.20	1008
	Thermal (Total)	4944	2841	1614	54.85	2285
	Total Hydro	62	13	12	0.52	21
	Total Haryana	5006	2854	1626	55.37	2307
Rajasthan	kota TPS (2*110+2*195+3*210)	1240	953	1035	24.17	1007
	suratgarh TPS (6*250)	1500	676	620	15.67	653
	Chabra TPS (4*250)	1000	419	415	10.11	421
	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	206	5.16	215
	RAPS A (NPC) (1*100+1*200)	300	162	163	4.00	167
	Barsingar (NLC) (2*125)	250	182	185	4.19	174
	Girai LTPS (2*125)	250	48	0	0.73	30
	Rajwest LTPS (IPP) (8*135)	1080	941	846	21.44	894
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(2*600)	1200	600	600	13.00	542
	Kawai(Adani) (2*660)	1320	1201	1140	27.89	1162
	Thermal (Total)	8876	5395	5210	126	5264
	Total Hydro	550	251	150	5.20	217
	Wind power	3214	99	70	1.73	72
	Biomass	99	19	19	0.46	19
	Solar	730	1	0	0.05	2
	Renewable/Others (Total)	4043	119	89	2.23	93
	Total Rajasthan	13469	5765	5449	133.78	5574
	UP	Anpara TPS (3*210+2*500)	1630	1374	1393	32.70
Obra TPS (2*50+2*94+5*200)		1194	444	446	10.40	433
Paricha TPS (2*110+2*220+2*250)		1140	447	444	11.40	475
Panki TPS (2*105)		210	0	0	0.00	0
Harduaganj TPS (1*60+1*105+2*250)		665	390	312	9.20	383
Tanda TPS (NTPC) (4*110)		440	277	272	7.30	304
Roza TPS (IPP) (4*300)		1200	383	383	8.70	363
Anpara-C (IPP) (2*600)		1200	1080	646	22.10	921
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	4395	3896	102	4242
Vishnuparyag HPS (IPP)(4*110)		440	95	90	2.10	88
Alaknanda(4*82.5)		330	52	52	1.30	54
Other Hydro		527	56	22	0.90	38
Cogeneration		981	700	700	16.80	700
Total UP	12227	5298	4760	123	5121	
Uttarakhand	Total Hydro	1398	453	191	6.94	289
	Total Uttarakhand	1398	453	191	6.94	289
Delhi	Rajghat TPS (2*67.5)	135	0	0	0.01	1
	Delhi Gas Turbine (6x30 + 3x34)	282	29	38	0.90	37
	Pragati Gas Turbine (2x104+ 1x122)	330	138	141	3.37	140
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	250	252	5.04	210
	Badarpur TPS (NTPC) (3*95+2*210)	705	165	165	6.30	262
	Thermal (Total)	2917	582	596	15.61	650
	Total Delhi	2917	582	596	15.61	650
HP	Baspa HPS (IPP) (3*100)	300	0	0	1.24	52
	Malana HPS (IPP) (2*43)	86	0	0	0.25	11
	Other Hydro	878	200	119	3.38	141
	Total HP	1264	200	119	4.87	203
J & K	Baglihar HPS (IPP) (3*150)	450	231	142	4.03	168
	Other Hydro/IPP	560	103	89	2.24	93
	Gas/Diesel/Others	190	0	0	0.00	0
	Total J & K	1200	334	231	6.27	261
Total State Control Area Generation		43841	18016	15112	400.86	16703
J. Net Inter Regional Exchange (Import (+ve)/Export (-ve))			5396	5249	142.09	5920
Total Regional Availability(Gross)		69078	42018	30426	843.63	35151

IV. Total Hydro Generation:

Regional Entities Hydro	12234	8285	1264	82.48	3437
State Control Area Hydro	6581	2029	1321	41	1696
Total Regional Hydro	18815	10314	2585	123.19	5133

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)	-150	-50	0	150	0.00	2.73	-2.73
765 KV Gwalior-Agra (D/C)	2295	2489	3093	0	62.50	0.00	62.50
400 KV Zerda-Kankroli	-192	-144	0	310	0.00	3.65	-3.65
400 KV Zerda-Bhimnal	-113	-50	69	257	0.00	1.48	-1.48
220 KV Auraiya-Malanpur	103	42	0	105	0.00	1.63	-1.63
220 KV Badod-Kota/Morak	-69	-62	0	74	0.00	0.94	-0.94
Mundra-Mohindergarh(HVDC Bipole)	2503	1202	2507	0	45.91	0.00	45.91
400 KV Vindhyachal - Rihand	0	0	0	0	0.00	0.00	0.00
765 kV Phagi-Gwalior (D/C)	936	934	461	0	25.58	0.00	25.58
Sub Total WR	5313	4361			133.98	10.43	123.56
Pusaali Bypass/HVDC	250	250	250	0	6.08	0.00	6.08
400 KV MZP- GKP (D/C)	-318	24	24	376	0.00	3.17	-3.17
400 KV Patna-Balia(D/C) X 2	218	390	402	0	8.65	0.00	8.65
400 KV B'Sharif-Balia (D/C)	-198	9	46	198	0.00	1.13	-1.13
765 KV Gaya-Balia	144	177	203	0	1.74	0.00	1.74
765 KV Gaya-Fatehpur	138	126	398	0	5.57	0.00	5.57
220 KV Pusaali-Sahupuri	118	118	199	0	2.92	0.00	2.92
132 KV K'nasa-Sahupuri	0	0	0	0	0.00	0.00	0.00
132 KV Son Nar-Rihand	-25	-23	0	28	0.00	0.57	-0.57
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	-112	-57	180	127	0.30	0.00	0.30
400 KV Barh -GKP (D/C)	368	374	472	0	9.32	0.00	9.32
Sub Total ER	583	1388			34.58	4.87	29.71
+/- 800 KV Biswanath-Charialli-Agra	-500	-500	0	500	0.00	11.18	-11.18
Sub Total NER	-500	-500			0.00	11.18	-11.18
Total IR Exch	5396	5249			168.56	26.47	142.09

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
26.28	0.55	26.83	-0.96	-11.83	10.73	23.33	6.03	-6.03

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
42.64	99.81	142.45	18.53	123.56	142.09	-24.11	23.74	-0.36

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	-32	0	33	0	1	-0.74

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	0.03	4.69	31.87	72.12	59.09	6.85	2.20	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)			
50.16	13.02	49.69	19.48	49.94	0.102	0.084	50.15	49.87	40.91

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	403	04:06	394	10:51	0.0	0.0	0.0	0.0
Gorakhpur	400	424	04:07	404	10:15	0.0	0.0	18.5	0.0
Bareilly(PG)400kV	400	422	20:49	398	09:43	0.0	0.0	1.4	0.0
Kanpur	400	411	21:44	398	09:45	0.0	0.0	0.6	0.0
Dadri	400	424	02:49	400	09:48	0.0	0.0	19.3	0.0
Ballabgarh	400	430	02:49	401	09:49	0.0	0.0	39.5	0.0
Bawana	400	426	02:45	402	10:14	0.0	0.0	37.0	0.0
Bassi	400	428	20:53	390	09:46	0.0	0.0	9.6	0.0
Hissar	400	420	20:53	393	16:15	0.0	0.0	0.0	0.0
Moga	400	419	02:47	398	09:49	0.0	0.0	0.0	0.0
Abdullapur	400	424	20:51	399	17:54	0.0	0.0	6.9	0.0
Nalagarh	400	432	20:52	407	17:49	0.0	0.0	43.3	1.9
Kishenpur	400	424	02:27	399	18:08	0.0	0.0	15.8	0.0
Wagoora	400	404	13:01	375	07:27	12.1	52.0	0.0	0.0
Amritsar	400	426	02:59	404	10:08	0.0	0.0	33.0	0.0
Kashipur	400	0	00:00	9999	00:00	0.0	0.0	0.0	0.0
Hamirpur	400	416	01:58	402	07:42	0.0	0.0	0.0	0.0
Rishikesh	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	780	21:44	744	09:48	0.0	0.0	0.0	0.0
Balia	765	788	04:03	750	10:11	0.0	0.0	0.0	0.0
Moga	765	801	20:09	754	10:08	0.0	0.0	0.0	0.0
Agra	765	791	19:58	745	10:13	0.0	0.0	0.0	0.0
Bhivani	765	802	20:52	759	09:44	0.0	0.0	1.4	0.0
Unnao	765	779	02:49	730	09:48	0.0	3.6	0.0	0.0
Lucknow	765	794	04:05	758	09:21	0.0	0.0	0.0	0.0
Meerut	765	811	20:17	760	09:48	0.0	0.0	18.1	0.0
Jhatikara	765	808	04:00	760	09:49	0.0	0.0	22.1	0.0
Bareilly 765 kV	765	792	21:42	32	09:16	80.4	80.4	0.0	0.0
Anta	765	788	20:55	758	10:13	0.0	0.0	0.0	0.0
Phagi	765	794	20:52	743	09:50	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	504.08	1272.20	500.41	1114.30	207.65	516.36
Pong	426.72	384.05	413.55	622.40	407.90	425.81	70.68	411.02
Tehri	829.79	740.04	808.40	771.08	814.80	898.26	64.43	157.00
Kaleshwar	612.50	598.50	611.16	5.20	609.88	4.44	157.00	159.00
Chamera-I	760.00	748.75	758.42	0.00	0.00	0.00	71.78	92.29
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	502.80	4.79	508.42	2.77	121.62	184.40

* 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	274	0	-1056	302	0	-17.82	6.70	-11.12
Delhi	-1177	-206	0	-566	309	0	-17.70	4.08	-13.62
Haryana	-344	225	0	-359	297	0	-8.67	6.83	-1.84
HP	90	159	0	274	-67	0	6.73	-1.19	5.54
J&K	642	0	0	518	134	0	14.48	-0.69	13.79
CHD	-30	0	0	0	-20	0	-0.24	-0.04	-0.29
Rajasthan	-7	777	2	-7	635	2	8.65	16.80	25.45
UP	115	0	0	-139	0	0	-3.05	0.00	-3.05
Uttarakhand	193	8	0	225	220	0	4.80	6.21	11.01
Total	-1247	1236	2	-1111	1807	2	-12.83	38.69	25.87

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-650	-1056	311	195	0	0
Delhi	-562	-1177	675	-206	0	0
Haryana	-344	-369	329	-6	0	0
HP	409	90	159	-633	0	0
J&K	695	518	134	-191	0	0
CHD	0	-30	39	-61	0	0
Rajasthan	728	-7	980	379	2	2
UP	140	-316	0	0	0	0
Uttarakhand	225	193	549	3	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 15.12.2015 :
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 :

Voltage Deviation Index (% of Time)
0.0
18.5
1.4
0.6
19.3
39.5
37.0
9.6
0.0
0.0
6.9
43.3
15.8
12.1
33.0
0.0
0.0
0.0

Voltage Deviation Index (% of Time)
0.0
0.0
0.0
0.0
1.4
0.0
0.0
18.1
22.1
80.4
0.0
0.0

