

पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(एनएसईड की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)



उत्तरी क्षेत्रीय भार प्रेषण केंद्र

CIN: U40105DL2009GOI188682

Power Supply Position in Northern Region for 26.12.2015
Date of Reporting : 27.12.2015

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
40651	1518	42169	50.12	29781	402	30182	50.20	862.5	37.85

* 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	44.83	12.08		56.91	41.46	41.67	0.22	98.58	0.00
Haryana	51.99	0.34		52.34	65.18	64.73	-0.44	117.07	0.00
Rajasthan	134.99	4.66	4.50	144.15	76.78	80.17	3.39	224.32	0.00
Delhi	15.43			15.43	48.05	47.45	-0.61	62.87	0.00
UP	141.69	3.85		145.54	98.81	100.39	1.58	245.92	26.32
Uttarakhand	9.43	9.43		9.43	25.85	26.71	0.86	36.14	0.59
HP	3.93			3.93	23.31	23.75	0.44	27.68	0.00
J & K		7.70	0.00	7.70	38.08	38.68	0.60	46.38	10.93
Chandigarh				0.00	3.66	3.56	0.27	3.56	0.00
Total	388.93	41.99	4.50	435.42	421.18	427.11	6.30	862.52	37.85

* 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	4540	0	-15	-804	2771	0	-45	-385	5313
Haryana	6316	0	-68	-89	3607	0	-99	-32	6316
Rajasthan	9872	0	39	511	8391	0	213	695	10346
Delhi	3168	0	-44	160	1532	0	157	-1084	3559
UP	11171	900	-538	-305	9612	95	61	114	11259
Uttarakhand	1846	75	-135	547	1215	0	-3	373	1913
HP	1373	0	-62	505	824	0	2	390	1478
J&K	2173	543	41	831	1737	307	-59	651	2173
Chandigarh	192	0	-19	0	92	0	-5	-31	206
Total	40651	1518	-800	1355	29781	402	222	692	40651

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

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

Diversity is 1.05

III. Regional Entities :

A. NTPC	Station/ Constituent	Inst. Capacity (Effective) MW	Declared Capacity(MW)	Peak MW	Off Peak MW	Energy	Average	Schedule	UI
				(Gross)	(Gross)	(Net MU)	Sentout(MW)	Net MU	Net MU
	Singrauli STPS (5*200+2*500)	2000	1700	1814	1404	38.54	1606	38.71	-0.17
	Rihand I STPS (2*500)	1000	876	855	670	18.00	750	18.22	-0.22
	Rihand II STPS (2*500)	1000	966	871	689	19.25	802	19.75	-0.50
	Rihand III STPS (2*500)	1000	973	962	677	19.43	810	20.06	-0.63
	Dadri I STPS (4*210)	840	810	278	267	7.01	292	7.10	-0.09
	Dadri II STPS (2*490)	980	980	330	333	8.06	336	8.51	-0.44
	Unchahar I TPS (2*210)	420	406	309	282	7.03	293	7.68	-0.65
	Unchahar II TPS (2*210)	420	404	271	272	6.55	273	7.24	-0.69
	Unchahar III TPS (1*220)	210	202	135	140	3.28	137	3.61	-0.33
	ISTPP (Jhajjar) (3*500)	1500	1500	607	626	14.32	597	14.64	-0.32
	Dadri GPS (4*130.19+2*154.51)	830	615	349	349	7.69	320	8.05	-0.36
	Anta GPS (3*88.71+1*153.2)	419	420	222	196	4.67	195	5.13	-0.46
	Auraiya GPS (4*111.19+2*109.30)	663	660	280	298	5.86	244	5.98	-0.13
	Dadri Solar	5	1	0	0	0.02	1	0.02	0.00
	Unchahar Solar	10	0	0	0	0.01	0	0.01	0.00
	Singrauli Solar	15	1	0	0	0.01	0	0.03	-0.03
	KHEP	800	870	734	0	2.47	103	2.61	-0.14
	Sub Total (A)	12112	11384	8017	6203	162	6758	167	-5
B. NPC	NAPS (2*220)	440	390	437	429	9.53	397	9.36	0.17
	RAPS- B (2*220)	440	404	445	449	9.70	404	9.70	0.01
	RAPS- C (2*220)	440	425	459	463	9.93	414	10.20	-0.27
	Sub Total (B)	1320	1219	1341	1341	29.16	1215	29.26	-0.09
C. NHPC	Chamera I HPS (3*180)	540	540	498	0	1.85	77	1.62	0.23
	Chamera II HPS (3*100)	300	300	302	0	1.33	55	1.25	0.08
	Chamera III HPS (3*77)	231	154	152	0	0.75	31	0.70	0.05
	Bairasuli HPS(3*60)	180	124	124	0	0.48	20	0.43	0.05
	Salal-HPS (6*115)	690	134	230	192	3.38	141	3.21	0.17
	Tanakpur-HPS(3*40)	94	22	25	14	0.57	24	0.53	0.04
	Uri-I HPS (4*120)	480	200	206	160	4.93	205	4.81	0.11
	Uri-II HPS (4*60)	240	120	132	116	2.92	122	2.89	0.04
	Dhauliganga-HPS (4*70)	280	210	207	0	0.84	35	0.77	0.07
	Dulhasti-HPS (3*130)	390	258	271	0	2.95	123	2.90	0.05
	Sewa-II HPS (3*40)	120	119	0	0	0.00	0	0.37	-0.37
	Parbati 3 (4*130)	520	0	0	0	0.81	34	0.00	0.81
	Sub Total (C)	4065	2182	2146	483	21	867	19	1
D.SJVNL	NJPC (6*250)	1500	1605	1239	0	6.98	291	6.70	0.28
	Rampur HEP (6*68.67)	412	344	372	0	1.85	77	1.77	0.08
	Sub Total (D)	1912	1949	1611	0	8.83	368	8.47	0.36
E. THDC	Tehri HPS (4*250)	1000	988	972	0	8.01	334	7.90	0.11
	Koteshwar HPS (4*100)	400	125	303	62	2.97	124	3.01	-0.04
	Sub Total (E)	1400	1113	1275	62	10.99	458	10.91	0.08
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	661	1200	369	15.95	665	15.87	0.08
	Dehar HPS (6*165)	990	142	495	0	3.43	143	3.40	0.03
	Pong HPS (6*66)	396	270	324	60	6.43	268	6.49	-0.06
	Sub Total (F)	2765	1073	2019	429	25.82	1076	25.76	0.06
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	72	0	0.38	16	0.36	0.01
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	630	0	3.71	155	3.72	-0.01
	Malana Stg-II HPS (2*50)	100	0	0	0	0.00	0	0.00	0.00
	Shree Cement TPS (2*150)	300	0	255	163	5.37	224	5.57	-0.19
	Budhil HPS(IPP) (2*35)	70	0	38	0	0.19	8	0.19	0.00
	Sub Total (G)	1662	0	995	163	9.66	402	9.84	-0.19
H. Total Regional Entities (A-G)		25237	18921	17404	8680	267.44	11143	271.04	-3.60

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	190	0	2.04	85
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	0	0	0.02	1
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	410	408	9.71	405
	Goindwal(GVK)	0	0	0	0.00	0
	Rajpura (2*700)	1400	806	693	22.65	944
	Talwandi Saboo (2*660)	1320	350	350	10.41	434
	Thermal (Total)	5360	1756	1451	44.83	1868
	Total Hydro	1000	580	412	12.08	503
	Total Punjab	6360	2336	1863	56.91	2371
	Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00
DCRTPP (Yamuna nagar) (2*300)		600	548	487	11.82	493
Faridabad GPS (NTPC)		432	0	0	0.00	0
RGTPP (khedar) (IPP) (2*600)		1200	963	751	18.87	786
Magnum Diesel (IPP)		25	0	0	0.00	0
Jhajjar(CLP) (2*660)		1320	1111	741	21.31	888
Thermal (Total)		4944	2622	1979	51.99	2166
Total Hydro		62	15	13	0.34	14
Total Haryana		5006	2637	1992	52.34	2181
Rajasthan		kota TPS (2*110+2*195+3*210)	1240	847	834	21.17
	suratgarh TPS (6*250)	1500	572	574	14.63	610
	Chabra TPS (4*250)	1000	589	555	14.63	610
	Dholpur GPS (3*110)	330	106	101	2.61	109
	Ramgarh GPS (1*37.5 + 1*35.5 +2*37.5 +1*110 +1*50)	271	214	217	5.25	219
	RAPS A (NPC) (1*100+1*200)	300	164	164	4.05	169
	Barsingsar (NLC) (2*125)	250	76	75	1.65	69
	Giral LTPS (2*125)	250	0	0	0.00	0
	Rajwest LTPS (IPP) (8*135)	1080	961	961	22.75	948
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(2*600)	1200	935	849	23.37	974
	Kawai(Adani) (2*660)	1320	1060	863	24.88	1037
	Thermal (Total)	8876	5524	5193	135	5625
	Total Hydro	550	197	204	4.66	194
	Wind power	3214	73	74	1.97	82
	Biomass	99	19	19	0.45	19
	Solar	730	0	0	2.08	87
	Renewable/Others (Total)	4043	92	93	4.50	187
	Total Rajasthan	13469	5813	5490	144.15	6006
	UP	Anpara TPS (3*210+2*500)	1630	1507	1512	32.70
Obra TPS (2*50+2*94+5*200)		1194	404	391	8.49	354
Paricha TPS (2*110+2*220+2*250)		1140	959	817	20.68	862
Panki TPS (2*105)		210	0	0	0.00	0
Harduaganj TPS (1*80+1*105+2*250)		665	482	376	9.50	396
Tanda TPS (NTPC) (4*110)		440	270	276	7.66	319
Roza TPS (IPP) (4*300)		1200	383	383	10.02	418
Anpara-C (IPP) (2*600)		1200	1082	630	22.09	920
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	447	291	8.32	347
Bara(1*660)		660	0	208	3.04	127
Thermal (Total)		9949	5534	4884	122	5104
Vishnuparyag HPS (IPP)(4*110)		440	80	80	1.94	81
Alakanada(4*82.5)		330	51	52	1.15	48
Other Hydro		527	56	21	0.77	32
Cogeneration		981	800	800	19.20	800
Total UP	12227	6521	5837	146	6064	
Uttarakhand	Total Hydro	1398	577	334	9.43	393
	Total Uttarakhand	1398	577	334	9.43	393
Delhi	Rajghat TPS (2*67.5)	135	0	0	-0.02	-1
	Delhi Gas Turbine (6x30 + 3x34)	282	36	33	0.92	38
	Prahati Gas Turbine (2x104+ 1x122)	330	142	140	3.38	141
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	250	252	6.06	252
	Badarpur TPS (NTPC) (3*95+2*210)	705	165	165	5.09	212
	Thermal (Total)	2917	593	590	15.43	643
	Total Delhi	2917	593	590	15.43	643
HP	Baspa HPS (IPP) (3*100)	300	0	0	1.08	45
	Malana HPS (IPP) (2*43)	86	30	0	0.24	10
	Other Hydro	878	119	91	2.61	109
	Total HP	1264	149	91	3.93	164
J & K	Badlihar HPS (IPP) (3*150)	450	240	240	5.76	240
	Other Hydro/IPP	560	96	66	1.94	81
	Gas/Diesel/Other	190	0	0	0.00	0
	Total J & K	1200	336	306	7.70	321
Total State Control Area Generation		43841	18962	16503	435.42	18142
J. Net Inter Regional Exchange [Import(+ve)/Export(-ve)]			6764	7010.89	177.60	7400
Total Regional Availability(Gross)		69078	43130	32194	880.46	36686

IV. Total Hydro Generation:

Regional Entities Hydro	12234	8487	974	72.99	3041
State Control Area Hydro	6581	2041	1513	42	1750
Total Regional Hydro	18815	10528	2487	114.98	4791

(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	500	500	0	10.16	0.00	10.16
765 KV Gwalior-Agra (D/C)	2812	2759	3320	0	70.63	0.00	70.63
400 KV Zarda-Kankrol	-37	-87	51	200	0.00	1.51	-1.51
400 KV Zarda-Bhimmal	39	1	177	133	0.64	0.00	0.64
220 KV Auraiya-Malanpur	-70	-52	0	85	0.00	1.37	-1.37
220 KV Badod-Kota/Morak	-20	-48	0	51	0.00	0.17	-0.17
Mundra-Mohindergarh(HVDC Bipole)	2303	1698	2507	0	52.28	0.00	52.28
400 KV Vindhyachal - Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Phagi-Gwalior (D/C)	1008	979	1252	0	26.18	0.00	26.18
Sub Total WR	6435	5750			159.89	3.05	156.84
Pusauli Bypass/HVDC	400	400	400	0	8.92	0.00	8.92
400 KV MZP- GKP (D/C)	-274	24	144	360	0.00	2.23	-2.23
400 KV Patna-Balia(D/C) X 2	314	458	581	0	10.61	0.00	10.61
400 KV B'Sharif-Balia (D/C)	-118	21	129	164	0.00	0.53	-0.53
765 KV Gaya-Balia	116	227	283	0	2.44	0.00	2.44
765 KV Gaya-Fatehpur	100	118	378	0	5.05	0.00	5.05
220 KV Pusauli-Sahupuri	109	172	208	0	3.65	0.00	3.65
132 KV N'nasa-Sahupuri	0	0	0	0	0.00	3.48	-3.48
132 KV Son Ngr-Rihand	-27	-24	0	35	0.00	0.60	-0.60
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	-153	-107	135	153	0.00	1.00	-1.00
400 KV Barh -GKP (D/C)	362	472	504	0	10.01	0.00	10.01
Sub Total ER	829	1761			40.68	7.84	32.84
+/- 800 KV BiswanathChariali-Agra	-500	-500	0	500	0.00	12.07	-12.07
Sub Total NER	-500	-500			0.00	12.07	-12.07
Total IR Exch	6764	7011			200.57	22.97	177.60

(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
31.07	0.38	31.45	2.28	-12.39	9.73		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
49.49	126.86	176.35	20.76	156.84	177.60	-28.72	29.97	1.25

(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
	MW	MW	Import	Export	Import	Export	
132 KV Tanakpur - Mahendarnagar	-32	-32	0	34	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	0.13	2.55	35.95	61.89	22.14	12.28	1.24	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	0.00	49.76	17.41	50.03	0.054	0.069	50.26	50.03	38.11

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	401	23:41	393	10:35	0.0	0.0	0.0	0.0	0.0
Gorakhpur	400	415	00:00	412	00:17	0.0	0.0	0.0	0.0	0.0
Bareilly(PG)400kV	400	421	04:02	396	14:40	0.0	0.0	0.1	0.0	0.1
Kanpur	400	411	03:00	395	10:21	0.0	0.0	0.0	0.0	0.0
Dadri	400	424	02:03	398	10:17	0.0	0.0	19.0	0.0	19.0
Ballabgarh	400	430	02:28	401	10:16	0.0	0.0	36.4	0.0	36.4
Bawana	400	428	21:43	402	10:18	0.0	0.0	35.7	0.0	35.7
Bassi	400	426	21:42	390	10:18	0.0	0.0	7.2	0.0	7.2
Hissar	400	422	21:43	395	10:21	0.0	0.0	1.4	0.0	1.4
Moga	400	420	00:47	399	10:16	0.0	0.0	0.0	0.0	0.0
Abdullapur	400	427	21:56	400	10:21	0.0	0.0	24.3	0.0	24.3
Nalagarh	400	435	02:26	406	10:17	0.0	0.0	43.1	8.1	43.1
Kisherpur	400	439	00:47	397	10:41	0.0	0.0	11.8	0.6	11.8
Wagoora	400	427	00:49	369	18:31	38.1	75.4	0.4	0.0	38.5
Amritsar	400	429	00:47	404	10:17	0.0	0.0	33.0	0.0	33.0
Kashipur	400	422	04:02	410	10:15	0.0	0.0	8.6	0.0	8.6
Hamirpur	400	425	00:47	398	10:20	0.0	0.0	8.1	0.0	8.1
Rishikesh	400	420	04:03	388	10:17	0.0	1.6	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	773	21:54	732	10:20	0.0	4.8	0.0	0.0	0.0
Balia	765	768	21:47	746	22:33	0.0	0.0	0.0	0.0	0.0
Moga	765	803	21:43	760	10:17	0.0	0.0	1.8	0.0	1.8
Agra	765	793	21:56	745	10:18	0.0	0.0	0.0	0.0	0.0
Bhiwani	765	804	21:34	758	10:16	0.0	0.0	4.0	0.0	4.0
Unnao	765	767	02:05	739	10:06	0.0	57.9	0.0	0.0	0.0
Lucknow	765	790	04:02	748	10:21	0.0	0.0	0.0	0.0	0.0
Meerut	765	814	21:46	762	10:19	0.0	0.0	6.7	0.0	6.7
Jhatikara	765	808	21:46	772	14:40	0.0	0.0	6.5	0.0	6.5
Bareilly 765 kV	765	791	04:02	746	10:21	0.0	0.0	0.0	0.0	0.0
Anta	765	780	21:43	755	09:28	0.0	0.0	0.0	0.0	0.0
Phagi	765	793	21:49	742	10:17	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	501.87	1179.55	498.67	1041.47	139.74	478.81
Pong	426.72	384.05	411.90	555.85	406.21	379.44	87.33	414.05
Tehri	829.79	740.04	804.55	695.79	811.65	835.28	71.71	206.00
Koteswar	612.50	598.50	610.59	4.95	610.22	4.95	206.00	195.72
Chamera-I	760.00	748.75	758.43	0.00	0.00	0.00	51.52	49.76
Rihand	268.22	252.98	0.00	0.00	0.00	0.00	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	499.44	4.29	507.19	1.53	67.80	203.08

* 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	-757	373	0	-1118	314	0	-19.21	8.17	-11.03
Delhi	-1004	-80	0	-580	739	0	-15.71	10.97	-4.74
Haryana	-346	315	0	-372	283	0	-8.80	7.22	-1.58
HP	169	221	0	425	80	0	9.80	0.32	10.12
J&K	651	0	0	635	196	0	14.64	0.44	15.08
CHD	-31	0	0	0	0	0	-0.24	0.05	-0.20
Rajasthan	-7	700	2	-7	516	2	8.53	16.07	24.60
UP	114	0	0	-305	0	0	-4.23	0.00	-4.23
Uttarakhand	193	180	0	224	323	0	4.78	6.90	11.68
Total	-1019	1709	2	-1098	2451	2	-10.44	50.15	39.71

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-709	-1118	373	251	0	0
Delhi	-367	-1004	1050	-106	0	0
Haryana	-346	-372	326	190	0	0
HP	580	137	221	-643	0	0
J&K	713	484	207	-102	0	0
CHD	0	-31	29	-41	0	0
Rajasthan	726	-7	884	49	2	2
UP	145	-426	0	0	0	0
Uttarakhand	224	193	454	133	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 26.12.2015 :
Normal.

XV. Synchronisation of new generating units :

XVI. Synchronisation of new 220 / 400 / 765 KV lines and energising of bus / substation :
220 kV Agra (PG)-Samsabad (UP) first time charged from samsabad (UP) end at 21:33 hrs on 26-12-2015

XVII. Tripping of lines in pooling stations :

XVIII. Complete generation loss in a generating station :