

1. Regional Availability/Demand:

Evening Peak (20:00) MW				Off-Peak (03:00) MW				Day Energy(Net MU)	
Demand Met	Shortage(-)/Surplus(+) #	Requirement	Freq (Hz)	Demand Met	Shortage(-)/Surplus(+) #	Requirement	Freq (Hz)	Demand Met	Shortage #
44,070	0	44,070	50.02	43,255	0	43,255	49.95	1,140.3	0

* MW Availability indicated above includes SR ISTS Loss.

2(A)State's Load Deails (At State Periphery) in MUs:

STATE	State's Control Area Generation (Net MU)						Net SCH	Drawal	UI	Availability	Demand Met	Shortage #
	THERMAL	HYDRO	GAS/DIESEL/ NAPTHA	WIND	SOLAR	OTHERS	(Net Mu)	(Net Mu)	(Net Mu)	(Net MU)	(Net MU)	(Net MU)
ANDHRA PRADESH	108.17	12.59	0	17.44	10.6	3.41	75.32	73.54	-1.79	227.53	225.75	0
KARNATAKA	60.47	46.44	0	17.23	25.29	11.18	78.29	78.69	0.4	238.9	239.3	0
KERALA	0	24.77	0.24	0.69	1.26	0.24	51.22	51.79	0.57	78.42	78.99	0
PONDICHERRY	0	0	0.53	0	0.04	0	9.39	9.31	-0.09	9.97	9.88	0
TAMILNADU	69.32	18.61	4.12	89.62	42.8	7.76	125.18	122.41	-2.78	357.4	354.62	0
TELANGANA	80.45	39.78	0	0.26	17.78	4.94	89.78	88.56	-1.22	232.98	231.76	0
Region	318.41	142.19	4.89	125.24	97.77	27.53	429.18	424.3	-4.91	1,145.2	1,140.3	0

The accuracy of shortage computation depends on timely load shedding details furnished in the web directly by constituents

2(B)State's Demand Met in MWs and day energy forecast and deviation particulars

State	Evening Peak (20:00) MW			Off-Peak (03:00) MW			Average Demand (MW)	Day Energy(Net MU)	
	Demand Met	Shortage(-)/Surplus(+) #	Requirement at Evening peak	Demand Met	Shortage(-)/Surplus(+) #	Requirement at Off-Peak		ForeCast (LGBR) (mus)	Deviation[Forecast(LGBR) -Consumption] (mus)
ANDHRA PRADESH	8,829	0	8,829	8,342	0	8,342	9,303	233	-7.25
KARNATAKA	8,525	0	8,525	8,470	0	8,470	10,222	254.79	-15.49
KERALA	3,866	0	3,866	3,165	0	3,165	3,212	78.39	0.6
PONDICHERRY	412	0	412	396	0	396	386	10.97	-1.09
TAMILNADU	14,254	0	14,254	14,195	0	14,195	15,401	376	-21.38
TELANGANA	8,184	0	8,184	8,687	0	8,687	9,651	253	-21.24
Region	44,070	0	44,070	43,255	0	43,255	48,175	1,206.15	-65.85

2(C)State's Demand Met in MWs (maximum demand met and Maximum requirement of the day details)

State	Maximum Demand, corresponding shortage and requirement details for the day				Maximum requirement, corresponding shortage and demand details for the day				ACE			
	Maximum Demand Met of the day	Time	Shortage(-) /Surplus(+) during at maximum demand	Requirement at the max demand met of the day	Demand Met at maximum requiremnet	Time	Shortage(-) /Surplus(+) during at maximum Requirement	Maximum Requirement of the day	Maximum ACE(MW)	Time	Minimum ACE(MW)	Time
AP	11,154	12:17	0	11,154	11,154	12:17	0	11,154	452.83	18:02	-587.23	10:38
KAR	13,811	10:00	0	13,811	13,811	10:00	0	13,811	569.21	16:32	-705.6	09:07
KER	4,012	21:30	0	4,012	4,012	21:30	0	4,012	307.78	20:01	-244.11	18:43
PONDY	454	22:15	0	454	454	22:15	0	454	45.22	16:16	-55.3	08:11
TN	15,816	00:30	0	15,816	15,816	00:30	0	15,816	1,026.55	08:01	-807.07	08:48
TG	11,319	14:35	0	11,319	11,319	14:35	0	11,319	545.68	09:31	-536.08	10:50
Region	53,492	09:32:29	0	53,492	53,492	09:32:29	0	53,492	1,997.32	17:01	-2,459.98	07:16

3(A) State Entities Generation:

ANDHRA PRADESH								
Station/Constituents	Inst. Capacity	20:00	03:00	Day Peak		Day Energy		AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	Gross Gen(MU)	Net Gen(MU)	
HINDUJA POWER CORPORATION LTD(2 * 520)	1,040	305	303	327	08:26	7.11	6.67	278
KRISHNAPATTANAM (3 * 800)	2,400	1,737	1,583	1,763	22:30	42.59	40.36	1,682
RAYALASEEMA TPP(1 * 600 + 5 * 210)	1,650	951	979	1,179	19:04	27.94	25.09	1,045
SEIL P2 UNIT-2(1 * 660)	660	503	502	629	23:00	14.72	13.93	580
VIJAYAWADA TPS(1 * 800 + 1 * 500 + 6 * 210)	2,560	866	847	1,019	15:11	24.54	22.12	922
OTHER THERMAL	0	0	0	0	00:00	-	-	-
Total THERMAL	8,310	4,362	4,214	-	-	116.9	108.17	4,507
HAMPI	36	0	0	15	00:00	0.37	0.37	15
LOWER SILERU(4 * 115)	460	251	214	317	00:10	3.9	3.88	162
SRISAILAM RBPH(7 * 110)	770	600	0	602	20:27	2.83	2.82	118
UPPER SILERU(4 * 60)	240	79	0	164	05:37	1.5	1.5	63
OTHER HYDEL	431	187	186	187	00:00	4.04	4.03	168
Total HYDEL	1,937	1,117	400	-	-	12.64	12.6	526
GAUTAMI CCPP(1 * 174 + 2 * 145)	464	0	0	0	00:00	0	0	0
GMR (BARG)(1 * 237)	237	0	0	0	00:00	0	0	0
JEGURUPADU (GAS)(1 * 49.9 + 1 * 75.5 + 2 * 45.8)	217	0	0	0	00:00	0	0	0
JEGRUPADU EXT.(1 * 220)	220	0	0	0	00:00	-	-	-
KONASEEMA CCPP(1 * 140 + 1 * 145 + 1 * 165)	450	0	0	0	00:00	0	0	0
LANCO (GAS)(1 * 121 + 2 * 115)	351	0	0	0	00:00	0	0	0
RELIANCE ENERGY LTD. (GAS)(1 * 140 + 1 * 80)	220	0	0	0	00:00	0	0	0
SPECTRUM (GAS)(1 * 46.8 + 1 * 68.8 + 2 * 46.1)	208	0	0	0	00:00	0	0	0
VEMAGIRI POWER GENERATION LTD.(GAS)(1 * 137 + 1 * 233)	370	0	0	0	00:00	0	0	0
VIJJESWARAM GTS(1 * 112.5 + 1 * 34 + 1 * 59.5 + 2 * 33)	272	0	0	0	00:00	0	0	0

OTHER GAS/NAPTHA/DIESEL	27	0	0	0	00:00	-	-	-
Total GAS/NAPTHA/DIESEL	3,036	0	0	-	-	0	0	0
WIND	4,084	348	1,242	1,274	03:08	17.44	17.44	727
SOLAR	3,010	0	0	1,745	11:44	10.6	10.6	442
OTHERS	619	99	98	142	01:27	3.41	3.41	142
Total AP	20,996	5,926	5,954	-	-	160.99	152.22	6,344

TELANGANA								
Station/Constituents	Inst. Capacity	20:00	03:00	Day Peak		Day Energy		AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	Gross Gen(MU)	Net Gen(MU)	
BHADRADRI TPS(4 * 270)	1,080	551	359	589	06:09	12.22	10.92	455
KAKATIYA ST1&ST2(1 * 500 + 1 * 600)	1,100	958	962	995	00:19	21.35	20.08	837
KOTHAGUEDEM TPS(1 * 500 + 1 * 800 + 2 * 250)	1,800	1,248	988	1,269	18:55	27.43	25.31	1,055
RAMAGUNDAM-B(1 * 62.5)	63	0	0	0	00:00	-	0	0
SINGARENI TPS(2 * 600)	1,200	1,117	1,201	1,217	00:01	25.61	24.14	1,006
Total THERMAL	5,243	3,874	3,510			86.61	80.45	3,353
NAGARJUNA SAGAR(1 * 110 + 7 * 100.8)	816	700	702	719	22:15	16.97	16.91	705
NAGARJUNA SAGAR (PUMP)(1 * 110 + 7 * 100.8)	816	0	0	0	00:00	0	0	0
SRISAILAM LBPH(6 * 150)	900	690	690	695	00:11	16.5	16.47	686
SRISAILAM LBPH(PUMP)(6 * 150)	900	0	0	0	00:00	0	0	0
OTHER HYDEL	957	279	303	303	00:00	6.44	6.4	267
Total HYDEL	2,673	1,669	1,695			39.91	39.78	1,658
WIND	128	0	0	11	00:00	0.26	0.26	11
SOLAR	3,800	0	0	2,346	11:16	17.78	17.78	741
OTHERS	252	0	0	206	00:00	4.94	4.94	206
Total TG	12,096	5,543	5,205			149.5	143.21	5,969

KARNATAKA								
Station/Constituents	Inst. Capacity	20:00	03:00	Day Peak		Day Energy		AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	Gross Gen(MU)	Net Gen(MU)	
BELLARY TPS(1 * 700 + 2 * 500)	1,700	762	791	817	16:11	19.42	17.8	742
JINDAL(2 * 130 + 4 * 300)	1,460	0	0	523	22:13	26.99	24.83	182
JINDAL (EXCL. CAPTIVE CONSUMPTION)(2 * 130 + 4 * 300)	1,460	470	113	523	22:13	4.37	4.37	182
RAICHUR TPS(1 * 250 + 7 * 210)	1,720	842	832	997	00:03	22.2	19.92	830
UPCL(2 * 600)	1,200	541	303	566	18:38	10	9.28	387
YERAMARAS TPS(2 * 800)	1,600	373	396	433	00:17	10.01	9.1	379
Total THERMAL	7,680	2,988	2,435	-	-	66	60.47	1,667
NAGJHERI(1 * 135 + 5 * 150)	885	614	575	706	21:17	14.96	14.77	615
SHARAVATHI(10 * 103.5)	1,035	707	836	1,017	21:10	17.88	17.73	739
VARAHI UGPH(4 * 115)	460	28	29	233	21:23	2.06	2.03	85
OTHER HYDEL	2,137	656	600	656	03:09	11.91	11.91	496
Total HYDEL	4,517	2,005	2,040	-	-	46.81	46.44	1,935
OTHER GAS/NAPTHA/DIESEL	126	0	0	0	00:00	-	-	-
Total GAS/NAPTHA/DIESEL	126	0	0	-	-	0	0	0
WIND	5,323	883	897	1,036	19:12	17.23	17.23	718
SOLAR	6,074	0	0	3,634	13:06	25.29	25.29	1,054
OTHERS	1,832	91	91	1,520	11:44	11.18	11.18	1,520
Total KAR	25,552	5,967	5,463	-	-	166.51	160.61	6,894

KERALA								
Station/Constituents	Inst. Capacity	20:00	03:00	Day Peak		Day Energy		AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	Gross Gen(MU)	Net Gen(MU)	
IDDUKKI(6 * 130)	780	533	419	629	23:02	7.13	7.1	296
LOWER PERIYAR (3 * 60)	180	109	102	113	23:48	2	1.99	83
SABARIGIRI(2 * 60 + 4 * 55)	340	269	239	270	01:58	4.46	4.45	185
OTHER HYDEL	734	615	578	615	00:02	11.23	11.23	468
Total HYDEL	2,034	1,526	1,338	-	-	24.82	24.77	1,032
BRAHMAPURAM DGPP (DIESEL)(3 * 21.32)	64	0	0	0	00:00	0	0	0
BSES (NAPTHA)(1 * 35.5 + 3 * 40.5)	157	0	0	0	00:00	0	0	0
KOZHICODE DPP (DIESEL)(6 * 16)	96	0	0	0	00:00	0	0	0
MPS STEEL CASTINGS(1 * 10)	10	0	0	0	00:00	-	-	-
RGCCPP KAYAMKULAM (KSEB) - NTPC(1 * 126.38 + 2 * 116.6)	360	0	0	10	00:00	0	0.24	10
OTHER GAS/NAPTHA/DIESEL	22	0	0	0	00:00	0	0	0
Total GAS/NAPTHA/DIESEL	709	0	0	-	-	0	0.24	10
WIND	70	0	0	29	00:00	0.69	0.69	29
SOLAR	417	0	0	53	00:00	1.26	1.26	53
OTHERS	20	0	0	10	00:00	0.24	0.24	10
Total KER	3,250	1,526	1,338	-	-	27.01	27.2	1,134

TAMIL NADU								
Station/Constituents	Inst. Capacity	20:00	03:00	Day Peak		Day Energy		AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	Gross Gen(MU)	Net Gen(MU)	
METTUR TPS(1 * 600 + 4 * 210)	1,440	336	961	1,071	06:15	13.12	11.51	480
NORTH CHENNAI TPS STG-II(2 * 600)	1,200	609	988	1,005	02:54	19.84	18.34	764
NORTH CHENNAI TPS(3 * 210)	630	224	228	283	05:23	6.41	5.49	229
SEPC(1 * 525)	525	269	267	277	05:42	6.86	6.38	266
ST - CMS(1 * 250)	250	183	145	226	05:48	4.49	4.12	172
TUTICORIN(5 * 210)	1,050	538	576	717	19:07	15.46	14.02	584
OTHER THERMAL	0	0	0	394	00:00	10.5	9.47	395
Total THERMAL	5,095	2,159	3,165			76.68	69.33	2,890
KADAMPARAI (4 * 100)	400	0	0	30	00:00	0.72	0.72	30
KADAMPARAI (PUMP)(4 * 100)	400	0	0	13	00:00	0.3	0.3	13
OTHER HYDEL	1,826	683	980	980	21:10	18.03	17.89	745
Total HYDEL	2,226	683	980			19.05	18.61	775
BASIN BRIDGE (NAPTHA)(4 * 30)	120	0	0	0	00:00	0	0	0
KOVIL KALAPPAL (GAS)(1 * 37.8 + 1 * 70)	108	0	0	0	00:00	0	0	0
KUTTALAM (GAS)(1 * 37 + 1 * 64)	101	83	85	86	06:04	1.96	1.82	76
MADURAI POWER CL (DIESEL)(1 * 106)	106	0	0	0	00:00	0	0	0
P P NALLUR (NAPTHA)(1 * 330.5)	331	0	0	0	00:00	0	0	0
SAMALPATTY (DIESEL)(7 * 15.1)	106	0	0	0	00:00	0	0	0
VALATTUR(STG1&STG2)(1 * 32 + 1 * 35 + 2 * 60)	187	141	141	141	04:28	2.46	2.29	95
OTHER GAS/NAPTHA/DIESEL	196	0	0	0	00:00	0	0	0
OTHER GAS/NAPTHA/DIESEL	166	0	0	0	00:00	0	0	0
Total GAS/NAPTHA/DIESEL	1,421	224	226			4.42	4.11	171
WIND	9,170	4,749	2,729	4,943	20:47	89.62	89.62	3,734
SOLAR	8,055	0	0	6,126	11:54	42.8	42.8	1,783
OTHERS	2,029	430	530	530	01:27	7.76	7.76	323
Total TN	27,996	8,245	7,630			240.33	232.23	9,676

3(B) Regional Entities Generation

ISGS								
Station/Constituents	Inst. Capacity	20:00	03:00	Day Peak		Day Energy		AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	Gross Gen(MU)	Net Get(MU)	
KUDGI(3 * 800)	2,400	2,393	1,441	2,464	22:43	44.71	41.95	1,748
NEYVELI TS I EXPN (2 * 210)	420	386	423	431	22:34	9.91	9.12	380
NEYVELI TS II(7 * 210)	1,470	528	674	750	01:23	16.78	13.48	562
NEYVELI TS II EXPN (2 * 250)	500	143	143	153	07:27	4.15	3.43	143
NNTPS(2 * 500)	1,000	960	963	987	20:41	23.86	21.55	898
NTPC-TELANGANA STPP(2*800)	1,600	1,546	1,533	1,546	20:00	34.11	32.06	1,336
RAMAGUNDAM(3 * 200 + 4 * 500)	2,600	2,282	2,373	2,379	03:09	50.92	47.66	1,986
SIMHADRI STAGE I(2 * 500)	1,000	912	938	947	22:28	20.85	19.6	817
SIMHADRI STAGE II(2 * 500)	1,000	955	956	981	00:31	21.16	20.03	835
TALCHER ST2(4 * 500)	2,000	1,368	1,366	1,376	20:54	34.08	31.79	1,325
Total THERMAL	13,990	11,473	10,810	-	-	260.53	240.67	10,030
KAIGA STG1(2 * 220)	440	188	190	197	09:35	4.92	4.15	173
KAIGA STG2(2 * 220)	440	425	425	434	17:09	11.33	10.42	434
KUDANKULAM(2 * 1000)	2,000	2,038	1,785	2,117	20:11	45.85	42.88	1,787
MAPS(2 * 220)	440	237	238	245	10:07	5.2	4.31	180
Total NUCLEAR	3,320	2,888	2,638	-	-	67.3	61.76	2,574
Total ISGS	17,310	14,361	13,448			327.83	302.43	12,604

JOINT VENTURE

Station/Constituents	Inst. Capacity	20:00	03:00	Day Peak		Day Energy		AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	Gross Gen(MU)	Net Get(MU)	
NTPL(2 * 500)	1,000	897	869	949	03:21	19.05	17.96	748
VALLUR TPS(3 * 500)	1,500	915	929	939	21:34	21.14	19.66	819
Total THERMAL	2,500	1,812	1,798	-	-	40.19	37.62	1,567
Total JOINT_VENTURE	2,500	1,812	1,798			40.19	37.62	1,567

IPP UNDER OPEN ACCESS

Station/Constituents	Inst. Capacity	20:00	03:00	Day Peak		Day Energy		AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	Gross Gen(MU)	Net Get(MU)	
COASTAL ENERGEN(2 * 600)	1,200	654	725	809	02:14	17.39	16.06	669
IL&FS(2 * 600)	1,200	891	967	1,112	00:00	22.83	21.21	884
JINDAL POWER LIMITED (SIMHAPURI UNIT)(4 * 150)	600	255	384	545	00:12	10.49	9.38	391
MEENAKSHI ENERGY LTD(2 * 150 + 2 * 350)	1,000	0	0	0	00:00	0	0	0
SEIL P1(2 * 660)	1,320	1,254	1,256	1,271	22:47	26.1	24.68	1,028
SEIL P2 UNIT-I(1 * 660)	660	0	0	0	00:00	0	0	0
Total THERMAL	5,980	3,054	3,332	-	-	76.81	71.33	2,972
KOPPAL_SRIIPL_S	120	0	0	31	00:00	0.74	0.74	62
LKPPL ST2(1 * 133 + 1 * 233)	366	0	0	0	00:00	0	0	0
LKPPL ST3(2 * 133 + 2 * 233)	732	0	0	0	00:00	0	0	0
Total GAS/NAPTHA/DIESEL	1,098	0	0	-	-	0	0	0
Total REGIONAL_IPP	7,198	3,054	3,332			77.55	72.07	3,034

RENEWABLE WIND								
Station/Constituents	Inst. Capacity	20:00	03:00	Day Peak		Day Energy		AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	Gross Gen(MU)	Net Get(MU)	
BEETAM(1 * 220)	220	192	138	214	17:11	4.5	4.5	188
GREEN INFRA(1 * 249.90)	250	212	169	248	17:21	4.95	4.95	206
HIRIYUR_OSTRO(1 *300.3)	300	174	120	228	18:58	2.46	2.46	103
JSW RENEW ENERGY TWO LTD	291	247	134	284	17:13	3.83	3.83	160
KARUR_JSWRETWO_W	124	83	76	83	20:00	1.74	1.74	73
KOPPAL_AYANASIX_W	300	30	62	63	20:00	1.5	1.5	63
KOPPAL_RENEWOJAS_W	291	0	65	188	17:22	1.65	1.65	69
KOPPAL_RENEWROSHNI_W	291	35	49	142	18:18	1.17	1.17	49
MYTRA(1 * 250)	250	209	148	228	16:13	4.13	4.13	172
ORANGE(1 * 200)	200	154	144	194	16:52	3.77	3.77	157
PGLR_SREPL(1 * 300)	300	155	113	172	22:47	2.73	2.73	114
TUTICORINJSWRENEWW(1 * 51.3)	149	147	119	147	20:00	2.71	2.71	113
Total RENEWABLE_WIND	2,966	1,638	1,337			35.14	35.14	1,467

RENEWABLE SOLAR								
Station/Constituents	Inst. Capacity	20:00	03:00	Day Peak		Day Energy		AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	Gross Gen(MU)	Net Get(MU)	
NP_KUNTA								
ANP_ADANIAPSEVEN(5 * 50)	250	0	0	255	12:30	1.38	1.38	115
ANP_ATHENA BIWADI(1 * 50)	50	0	0	0	00:00	0	0	0
ANP_ATHENA HISAR(1 * 50)	50	0	0	51	12:08	0.25	0.25	21
ANP_ATHENA KARNAL(1 * 50)	50	0	0	51	12:31	0.24	0.24	20
ANP_AYANA(1 * 250)	250	0	0	266	12:43	1.36	1.36	113
ANP_AZURE(1 * 50)	50	0	0	45	12:15	0.2	0.2	17
ANP_IGS1(1 * 50)	50	0	0	50	12:03	0.25	0.25	21
ANP_IGS2(1 * 50)	50	0	0	51	12:14	0.22	0.22	18
ANP_NTPC(5 * 50)	250	0	0	170	12:18	0.76	0.76	63
ANP_TATA(2 * 50)	100	0	0	94	12:26	0.44	0.44	37
SPRING ANG ITRA(1 * 250)	250	0	0	246	12:26	1.28	1.28	107

PAVAGADA								
PVG_ADYAH(6 * 50)	300	0	0	290	11:43	1.67	1.67	139
PVG_AMPLUS PAVAGADA(1 * 50)	50	0	0	52	10:49	0.27	0.27	23
PVG_AMPLUS TUMKUR(1 * 50)	50	0	0	52	12:14	0.28	0.28	23
PVG_AVAADA SOLAR(3 * 50)	150	0	0	152	13:36	0.75	0.75	63
PVG_AVAADA SOLARISE(3 * 50)	150	0	0	143	11:51	0.77	0.77	64
PVG_AZURE POWER EARTH (2 * 50)	100	0	0	90	13:40	0.47	0.47	39
PVG_FORTUM FIN SURYA(2 * 50)	100	0	0	96	13:56	0.49	0.49	41
PVG_KREDL(1 * 50)	50	0	0	45	11:49	0.26	0.26	22
PVG_PARAMPUJYA(3 * 50)	150	0	0	142	11:03	0.79	0.79	66
PVG_RENEW TN2(1 * 50)	50	0	0	50	11:55	0.26	0.26	22
PVG_SBG ENERGY(4 * 50)	200	0	0	193	13:52	1.06	1.06	88
PVG_SPRING SOLAR INDIA(5 * 50)	250	0	0	227	11:50	1.31	1.31	109
PVG_TATA RENEWABLES(8 * 50)	400	0	0	329	13:59	1.97	1.97	164
PVG_YARROW(1 * 50)	50	0	0	51	13:31	0.28	0.28	23

OTHER								
GRT(1 * 150)	150	0	0	151	10:52	1.09	1.09	91
KOPPAL_SRIIPL_S	120	0	0	31	00:00	0.74	0.74	62
NTPC ETTAYAPURAM SOLAR PLANT	230	0	0	249	12:41	1.61	1.61	134
RAMANGUNDAM (SOLAR)(1 * 100)	100	0	0	97	11:32	0.55	0.55	46
SIMHADRI (SOLAR)(1 * 25)	25	0	0	16	11:29	0.07	0.07	6
Total	4,075	0	0			21.07	21.07	1,757

Total ISGS IPP Thermal	22,470	16,339	15,940			377.53	349.62	
STATE THERMAL	27,128	13,383	13,324			346.19	318.42	
Total CPP Import								
Total ISGS & IPP Hydro								
HYDEL	13,387	7,000	6,453	-	-	143.17	142.2	
GAS/NAPTHA/DIESEL	6,456	224	226	-	-	5	4.88	
NUCLEAR	3,320	2,888	2,638	-	-	67.3	61.76	
WIND	21,741	7,618	6,205	-	-	160.38	160.38	
SOLAR	25,533	0	0	-	-	118.84	118.84	
OTHERS	4,752	620	719	-	-	27.53	27.53	

4(A) INTER-REGIONAL EXCHANGES (Import=(+ve) /Export =(-ve))

SL.No.	Element	20:00	03:00	Maximum Interchange (MW)		Import in MU	Export in MU	NET
		(MW)	MW	Import (MW)	Export (MW)			
Import/Export between SOUTH REGION and EAST REGION								
1	220KV-LOWER_SILERU-BARSUR	-	-	-	-	-	-	-
2	220KV-UPPER_SILERU-BALIMELA	-	-	-	-	0	0	0
3	400KV-GAZUWAKA-JEYPORE	199	199	208	-	4.81	0	4.81
4	765KV-SRIKAKULAM-ANGUL	846	1,114	1,886	-	30.04	0	30.04

5	HVDC500KV-TALCHER-KOLAR_DC	0	0	0	-	0	0	0
Sub-Total EAST REGION		1,045	1,313	2,094	0	34.85	0	34.85
Import/Export between SOUTH REGION and WEST REGION								
1	220KV-AMBEWADI-PONDA	0	0	-	-	0	0	0
2	220KV-AMBEWADI-XEDEM	103	89	-	114	0	2.29	-2.29
3	220KV-CHIKKODI-KOHLAPUR	0	0	2	-	-	-	-
4	400KV-BHADRAVTAHI-RAMAGUNDAM	491	494	524	-	11.86	0	11.86
5	400KV-KUDGI_PG-KHOLAPUR_PG	1,837	1,296	-	2,007	0	36.55	-36.55
6	765KV-NIZAMABAD-WARDHA	645	182	1,092	-	2.48	0	2.48
7	765KV-RAICHUR_PG-SHOLAPUR	1,601	1,247	-	1,810	0	27.03	-27.03
8	765KV-WARANGAL(NEW)-WARORA	530	86	1,147	-	4.48	0	4.48
9	HVDC800KV-RAIGARH HVDC-PUGALUR HVDC	278	279	-	550	14.61	0	14.61
Sub-Total WEST REGION		5,485	3,673	2,765	4,481	33.43	65.87	-32.44
TOTAL IR EXCHANGE		6,530	4,986	4,859	4,481	68.28	65.87	2.41

4(B) Inter Regional Schedule & Actual Exchange (Import=(+ve) /Export =(-ve)) in MU

	ISGS+GNA+URS Schedule	T-GNA Bilateral	GDAM Schedule	DAM Schedule	HPDAM Schedule	RTM Schedule	Total IR Schedule	Total IR Actual	NET IR UI
SR-ER	42.78	-3.1	0	-1.61	0	0	-7.6	3.058	10.658
SR-WR	31.98	-44.02	0	-2.09	0	0	-12.07	-32.44	-20.37
Total	74.76	-47.12	0	-3.7	0	0	-19.67	-29.382	-9.712

5.Frequency Profile

RANGE(Hz)	< 48.8	< 49	< 49.2	< 49.5	< 49.7	< 49.9	>= 49.9 - <= 50.05	> 50	> 50.05
%	0	0	0	0	.278	17.546	73.623	41.285	8.831

<-----Frequency (Hz)----->

Maximum		Minimum		Average Frequency	Freq Variation Index	Standard Deviation	Freq. in 15 mnt blk	
Frequency	Time	Frequency	Time				Max.	Min.
50.15	17:01:50	49.67	21:11:00	49.968	0.071	0.078	50.1	49.74

6.Voltage Profile: 400kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 380	< 390	> 420	> 430
GHANAPUR - 400KV	419	03:47	409	12:37	0	0	0	0
GOOTY - 400KV	419	02:01	404	10:43	0	0	0	0
HIRIYUR - 400KV	419	18:02	398	09:45	0	0	0	0
KAIGA - 400KV	420	18:05	396	09:45	0	0	.069	0
KOLAR_AC - 400KV	417	18:04	396	09:24	0	0	0	0
KUDANKULAM - 400KV	408	03:48	398	10:00	0	0	0	0
SHANKARAPALLY - 400KV	414	19:42	404	11:55	0	0	0	0
SOMANAHALLI - 400KV	412	03:01	392	09:21	0	0	0	0
SRIPERUMBADUR - 400KV	411	03:47	402	09:24	0	0	0	0
TRICHY - 400KV	412	06:02	391	10:37	0	0	0	0
TRIVANDRUM - 400KV	415	06:01	396	10:36	0	0	0	0
VIJAYAWADA - 400KV	408	01:22	398	12:21	0	0	0	0

6.1 Voltage Profile: 220kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 198	< 210	> 235	> 245
GHANAPUR - 220KV	234	03:59	225	12:43	0	0	0	0
GOOTY - 220KV	232	18:05	222	10:51	0	0	0	0
HIRIYUR - 220KV	228	18:02	213	10:48	0	0	0	0
KAIGA - 220KV	237	18:05	237	18:05	0	0	12.917	0
KOLAR_AC - 220KV	228	18:02	214	09:24	0	0	0	0
SOMANAHALLI - 220KV	225	23:55	210	09:22	0	0	0	0
SRIPERUMBADUR - 220KV	228	18:02	214	09:24	0	0	0	0
TRICHY - 220KV	225	23:55	210	09:22	0	0	0	0
TRIVANDRUM - 220KV	230	06:06	219	10:36	0	0	0	0
VIJAYAWADA - 220KV	235	04:02	228	12:12	0	0	.139	0

6.2 Voltage Profile: 765kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 720	< 750	> 780	> 800
KURNOOL - 765KV	790	02:01	766	12:43	0	0	56.46	0
NIZAMABAD - 765KV	796	03:47	781	07:09	0	0	100	0
RAICHUR_PG - 765KV	789	03:59	766	11:13	0	0	43.33	0
SRIKAKULAM - 765KV	787	04:01	772	09:24	0	0	44.58	0

7.Major Reservoir Particulars

RESERVOIR	DESIGNED			PRESENT		LAST YEAR		LAST DAY		MONTH	
	MDDL (Mts)	FRL (Mts)	Energy (MU)	Level (Mts)	Energy (MU)	Level (Mts)	Energy (MU)	Inflow (Mus)	Usage (Mus)	"Prog. Inflow (Mus)""	"Prog. Usage (Mus)""
NILAGIRIS	0	0	1,504	0	1,293	0	495	3.16	1.9	119.02	93.88
IDUKKI	694.94	732.43	2,148	723.61	1,489	712.14	764	5.42	10.1	209.54	141.7
JALAPUT	818.39	838.4	534	837.5	498	832.32	298	0.47	1.28	91.63	22.15
N.SAGAR	155.45	179.9	1,398	179.65	982	159.96	146	8.43	16.91	1,121.5	357.09
SRISAILAM	243.84	270.7	1,392	267.19	782	260.21	328	21.57	13.98	1,056.42	618.59
SUPA	495	564	3,159	562.75	3,043	545.58	1,685	4.2	16.74	276.14	337.46
LINGANAMAKKI	522.73	554.5	4,557	553.99	4,412	544.78	2,042	12.72	16.72	468.44	399.97
KAKKI	908.3	981.45	916	970.28	556	965.49	448	2.66	4.87	131.97	79.97
TOTAL	-	-	15,608	-	13,055	-	6,206	58.63	85.25	3,474.66	2,148.63

8(A). Short-Term Open Access Details:

State	Off- Peak Hours (03:00)												
	T-GNA Bilateral (MW)	IEX GDAM (MW)	IEX DAM (MW)	IEX HPDAM (MW)	IEX RTM (MW)	PXIL GDAM (MW)	PXIL DAM (MW)	PXIL HPDAM (MW)	PXI RTM (MW)	HPX GDAM (MW)	HPX DAM (MW)	HPX HPDAM (MW)	HPX RTM (MW)
AP	-33.41	-11.1	-46.61	0	-15.58	0	0	0	0	0	0	0	0
KARNATAKA	-379.15	-4.19	206.24	0	-9.5	0	0	0	0	0	0	0	0
KERALA	-385.52	0	-4.8	0	383.78	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	0	0	-20	0	0	0	0	0	0	0	0
TAMILNADU	-233.16	0	24.72	0	-216.5	0	0	0	0	0	0	0	0
TELANGANA	-40.05	0	1,297.42	0	-151.5	0	0	0	0	0	0	0	0
TOTAL	-1,071.29	-15.29	1,476.97	0	-29.3	0	0	0	0	0	0	0	0

State	Peak Hours (20:00)												
	T-GNA Bilateral (MW)	IEX GDAM (MW)	IEX DAM (MW)	IEX HPDAM (MW)	IEX RTM (MW)	PXIL GDAM (MW)	PXIL DAM (MW)	PXIL HPDAM (MW)	PXI RTM (MW)	HPX GDAM (MW)	HPX DAM (MW)	HPX HPDAM (MW)	HPX RTM (MW)
AP	-16.37	-10.4	252.86	0	-21.4	0	0	0	0	0	0	0	0
KARNATAKA	-380.09	-1.66	-376.12	0	-674.7	0	0	0	0	0	0	0	0
KERALA	-385.52	0	882.31	0	87.21	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	0	0	-69	0	0	0	0	0	0	0	0
TAMILNADU	-291.16	0	-36	0	-418.7	0	0	0	0	0	0	0	0
TELANGANA	-40.05	0	-818	0	-601.5	0	0	0	0	0	0	0	0
TOTAL	-1,113.19	-12.06	-94.95	0	-1,698.09	0	0	0	0	0	0	0	0

State	Day Energy (MU)						
	ISGS+GNA Schedule	T-GNA Bilateral	GDAM Schedule	DAM Schedule	HPDAM Schedule	RTM Schedule	Total (MU)
ANDHRA PRADESH	72.76	-0.26	0.17	2.7	0	-0.05	75.32
KARNATAKA	87.57	-9.43	-0.7	4.2	0	-3.35	78.29
KERALA	49.1	-9.25	0.4	3.68	0	7.29	51.22
PONDICHERY	10.06	0	0	0	0	-0.67	9.39
TAMILNADU	150.37	-5.99	0.39	3.29	0	-22.88	125.18
TELANGANA	73.09	-0.96	0.28	24.96	0	-7.59	89.78
TOTAL	442.95	-25.89	0.54	38.83	0	-27.25	429.18

8(B). Short-Term Open Access Details

State	ISGS+GNA Schedule		T-GNA Bilateral (MW)		IEX GDAM (MW)		PXIL GDAM(MW)		HPX GDAM(MW)		IEX DAM (MW)		PXIL DAM(MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
ANDHRA PRADESH	3,680.63	2,423.42	12.7	-34.04	36.22	-11.3	0	0	0	0	619.58	-50.5	0	0
KARNATAKA	4,828.25	2,844.61	-355.75	-429.66	13.84	-70.1	0	0	0	0	695.24	-376.12	0	0
KERALA	2,448.55	1,784.97	-385.52	-385.52	43.23	0	0	0	0	0	882.31	-4.8	0	0
PONDICHERY	526.03	324.69	0	0	0	0	0	0	0	0	0	0	0	0
TAMILNADU	7,442.58	4,444.95	-233.16	-291.16	88.39	0	0	0	0	0	372.76	-40	0	0
TELANGANA	4,221.22	2,340.81	-40.05	-40.05	53.11	0	0	0	0	0	2523.46	-968	0	0

State	HPX DAM(MW)		IEX HPDAM (MW)		PXIL HPDAM(MW)		HPX HPDAM(MW)		IEX RTM (MW)		PXIL RTM(MW)		HPX RTM(MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
ANDHRA PRADESH	0	0	0	0	0	0	0	0	626.37	-420.09	0	0	0	0
KARNATAKA	0	0	0	0	0	0	0	0	8.26	-806.09	0	0	0	0
KERALA	0	0	0	0	0	0	0	0	551.1	-55.1	0	0	0	0
PONDICHER ..	0	0	0	0	0	0	0	0	0	-160	0	0	0	0
TAMILNADU	0	0	0	0	0	0	0	0	31.03	-3,193.8	0	0	0	0
TELANGANA	0	0	0	0	0	0	0	0	870.78	-1,101.5	0	0	0	0

9. Synchronisation of new generating units :

SL.NO	Station Name	Owner	Inst. Capacity (MW)	Date	Time
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10. Synchronisation of new 220 / 400 / 765 KV Transmission elements and energising of bus /substation :

SL.NO	Station Name	Owner	Inst. Capacity (MW)	Date	Time
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11.Significant events (If any):

12.Constraints and instances of congestion in the transmission system

13. Weather Condition:

14. RE/Load Curtailment details

State	Load Curtailment (Shortage)			RE Curtailment				Reason
	Energy	Maximum	At the time of maximum demand	Wind		Solar		
	MU	MW	MW	Max MW	Energy(MU)	Max MW	Energy(MU)	
ANDHRA PRADESH	0	0	0	0	0	0	0	
KARNATAKA	0	0	0	0	0	0	0	
KERALA	0	0	0	0	0	0	0	
TAMILNADU	0	0	0	0	0	0	0	
PONDICHERRY	0	0	0	0	0	0	0	
TELANGANA	0	0	0	0	0	0	0	

15.Instances of persistant/significant non-complaint with grid code

Shift In Charge