

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 #
48,516	-30	48,546	49.94	42,595	0	42,595	50.04	1,175.09	0.15

* 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	91.58	21.76	0	54.6	11.76	3.7	37.97	39.46	1.49	221.37	222.86	0
KARNATAKA	81.14	52.92	0	46.07	27.08	5.61	0.03	2.4	2.37	212.85	215.22	0
KERALA	0	33.83	0	0.76	0.42	0.26	36.14	37.27	1.13	71.42	72.55	0
PONDICHERRY	0	0	0.54	0	0.06	0	9.73	10.17	0.44	10.33	10.77	0.15
TAMILNADU	63.3	33.57	3.48	99.37	34.9	10.07	139.32	141.14	1.82	384	385.82	0
TELANGANA	66.65	26.42	0	1.6	17.05	2.89	152.56	153.26	0.7	267.17	267.87	0
Region	302.67	168.5	4.02	202.4	91.27	22.53	375.75	383.7	7.95	1,167.14	1,175.09	0.15

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	9,018	0	9,018	8,162	0	8,162	9,119	214	8.86
KARNATAKA	8,697	0	8,697	6,836	0	6,836	8,948	205	10.22
KERALA	3,554	0	3,554	2,396	0	2,396	2,872	78.47	-5.92
PONDICHERRY	469	-30	481	413	0	413	418	10.8	0.12
TAMILNADU	17,362	0	17,362	14,935	0	14,935	16,473	400	-14.18
TELANGANA	9,416	0	9,416	9,853	0	9,853	11,202	265	2.87
Region	48,516	-30	48,528	42,595	0	42,595	49,032	1,173.27	1.97

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	10,594	11:24	0	10,594	10,594	11:24	0	10,594	699.75	16:04	-798.55	03:12
KAR	11,459	10:00	0	11,459	11,459	10:00	0	11,459	830.43	05:01	-1,419.12	19:24
KER	3,658	19:00	0	3,658	3,658	19:00	0	3,658	448.53	08:31	-597.52	12:28
PONDY	481	22:15	-30	511	481	22:15	-30	511	55.36	12:09	-88.25	22:13
TN	17,835	19:00	0	17,835	17,835	19:00	0	17,835	1,812.94	07:59	-1,685.5	22:17
TG	13,463	07:39	0	13,463	13,463	07:39	0	13,463	455.06	14:49	-651.63	06:29
Region	55,662	11:25:29	0	55,662	55,662	11:25:29	0	55,662	3,253.42	14:07	-3,094.85	01:49

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	307	301	311	07:12	7.2	6.57	274
KRISHNAPATTANAM (3 * 800)	2,400	818	1,043	1,150	11:39	24.4	22.97	957
RAYALASEEMA TPP(1 * 600 + 5 * 210)	1,650	1,008	940	1,049	07:59	24.86	22.39	933
SEIL P2 UNIT-2(1 * 660)	660	624	623	636	04:41	15.04	12.08	503
VIJAYAWADA TPS(1 * 800 + 1 * 500 + 6 * 210)	2,560	1,357	1,065	1,386	20:23	30.37	27.56	1,148
OTHER THERMAL	0	0	0	0	00:00	-	-	-
Total THERMAL	8,310	4,114	3,972	-	-	101.87	91.57	3,815
HAMPI	36	0	0	20	00:00	0.48	0.48	20
LOWER SILERU(4 * 115)	460	177	89	273	22:41	3.09	3.07	128
SRISAILAM RBPH(7 * 110)	770	598	611	624	09:20	14.14	14.11	588
UPPER SILERU(4 * 60)	240	106	108	112	14:08	2.17	2.17	90
OTHER HYDEL	431	74	81	81	00:00	1.94	1.94	81
Total HYDEL	1,937	955	889	-	-	21.82	21.77	907
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	2,750	1,072	3,111	17:22	54.6	54.6	2,275
SOLAR	2,749	0	0	1,790	13:19	11.76	11.76	490
OTHERS	619	143	142	167	00:27	3.7	3.7	154
Total AP	20,735	7,962	6,075	-	-	193.75	183.4	7,641

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	535	528	584	04:48	12.72	11.5	479
KAKATIYA ST1&ST2(1 * 500 + 1 * 600)	1,100	512	519	528	23:28	11.89	11.24	468
KOTHAGUEDEM TPS(1 * 500 + 1 * 800 + 2 * 250)	1,800	1,391	1,221	1,416	08:13	32.8	31.02	1,293
RAMAGUNDAM-B(1 * 62.5)	63	0	0	0	00:00	0	0	0
SINGARENI TPS(2 * 600)	1,200	602	594	618	10:29	13.72	12.89	537
Total THERMAL	5,243	3,040	2,862			71.13	66.65	2,777
NAGARJUNA SAGAR(1 * 110 + 7 * 100.8)	816	463	443	473	22:10	6.23	6.2	258
NAGARJUNA SAGAR (PUMP)(1 * 110 + 7 * 100.8)	816	0	0	0	00:00	0	0	0
SRISAILAM LBPH(6 * 150)	900	773	744	817	06:17	18.15	18.13	755
SRISAILAM LBPH(PUMP)(6 * 150)	900	0	0	0	00:00	0	0	0
OTHER HYDEL	757	86	86	87	00:00	2.14	2.09	87
Total HYDEL	2,473	1,322	1,273			26.52	26.42	1,100
WIND	128	0	0	67	00:00	1.6	1.6	67
SOLAR	4,517	0	0	2,265	12:02	17.05	17.05	710
OTHERS	252	0	0	120	00:00	2.89	2.89	120
Total TG	12,613	4,362	4,135			119.19	114.61	4,774

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	967	941	1,079	01:04	23.65	22	917
JINDAL(2 * 130 + 4 * 300)	1,460	0	0	501	03:56	27.09	25	269
JINDAL (EXCL. CAPTIVE CONSUMPTION)(2 * 130 + 4 * 300)	1,460	343	333	501	03:56	6.46	6.46	269
RAICHUR TPS(1 * 250 + 7 * 210)	1,720	829	875	987	00:00	21.87	19.64	818
UPCL(2 * 600)	1,200	1,057	547	1,100	22:24	16.15	14.84	618
YERAMARAS TPS(2 * 800)	1,600	736	778	916	09:00	19.96	18.2	758
Total THERMAL	7,680	3,932	3,474	-	-	88.09	81.14	2,607
NAGJHERI(1 * 135 + 5 * 150)	885	589	559	600	06:14	12.84	12.68	528
SHARAVATHI(10 * 103.5)	1,035	850	710	950	19:15	15.65	15.54	648
VARAHI UGPH(4 * 115)	460	347	336	349	22:06	8.19	8.1	338
OTHER HYDEL	2,137	908	1,005	1,005	00:02	16.6	16.6	692
Total HYDEL	4,517	2,694	2,610	-	-	53.28	52.92	2,206
OTHER GAS/NAPTHA/DIESEL	126	0	0	0	00:00	-	-	-
Total GAS/NAPTHA/DIESEL	126	0	0	-	-	0	0	0
WIND	4,970	2,085	1,019	2,964	17:38	46.07	46.07	1,920
SOLAR	5,152	0	0	3,513	12:37	27.08	27.08	1,128
OTHERS	1,832	69	74	1,362	06:25	5.61	5.61	1,362
Total KAR	24,277	8,780	7,177	-	-	220.13	212.82	9,223

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	459	543	627	18:59	8.8	8.77	365
LOWER PERIYAR (3 * 60)	180	116	114	158	06:41	3.81	3.8	158
SABARIGIRI(2 * 60 + 4 * 55)	340	299	208	302	12:53	6.1	6.08	253
OTHER HYDEL	734	611	556	632	00:55	15.18	15.18	633
Total HYDEL	2,034	1,485	1,421	-	-	33.89	33.83	1,409
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	0	00:00	0	0	0
OTHER GAS/NAPTHA/DIESEL	22	0	0	0	00:00	0	0	0
Total GAS/NAPTHA/DIESEL	709	0	0	-	-	0	0	0
WIND	70	0	0	32	00:00	0.76	0.76	32
SOLAR	417	0	0	18	00:00	0.42	0.42	18
OTHERS	20	0	0	11	00:00	0.26	0.26	11
Total KER	3,250	1,485	1,421	-	-	35.33	35.27	1,470

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	835	1,294	1,319	07:10	22.33	20.18	841
NORTH CHENNAI TPS STG-II(2 * 600)	1,200	940	836	958	17:25	21.78	20.26	844
NORTH CHENNAI TPS(3 * 210)	630	286	275	300	17:20	7.37	5.98	249
SEPC(1 * 525)	525	0	0	0	00:00	0	0	0
ST - CMS(1 * 250)	250	213	221	239	01:33	5.46	5.03	210
TUTICORIN(5 * 210)	1,050	535	537	555	07:59	13.13	11.84	493
OTHER THERMAL	0	0	0	0	00:00	0	0	0
Total THERMAL	5,095	2,809	3,163			70.07	63.29	2,637
KADAMPARAI (4 * 100)	400	199	201	203	00:34	4.73	4.72	197
KADAMPARAI (PUMP)(4 * 100)	400	0	0	0	00:00	0	0	0
OTHER HYDEL	1,826	1,366	1,067	1,366	01:33	29.12	28.85	1,202
Total HYDEL	2,226	1,565	1,268			33.85	33.57	1,399
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	86	86	07:45	1.99	1.85	77
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	01:33	1.76	1.63	68
OTHER GAS/NAPTHA/DIESEL	166	0	0	0	00:00	0	0	0
OTHER GAS/NAPTHA/DIESEL	196	0	0	0	00:00	0	0	0
Total GAS/NAPTHA/DIESEL	1,421	224	227			3.75	3.48	145
WIND	8,621	4,002	3,443	5,940	11:24	99.37	99.37	4,140
SOLAR	4,964	0	0	5,241	12:10	34.9	34.9	1,454
OTHERS	2,029	525	530	530	03:43	10.07	10.07	420
Total TN	24,356	9,125	8,631			252.01	244.68	10,195

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	1,601	1,587	1,652	01:12	31.69	29.53	1,230
NEYVELI TS I EXPN (2 * 210)	420	394	394	400	05:37	9.99	9.16	382
NEYVELI TS II(7 * 210)	1,470	576	559	621	00:00	16.37	12.93	539
NEYVELI TS II EXPN (2 * 250)	500	0	0	0	00:00	0	0	0
NNTPS(2 * 500)	1,000	457	455	485	05:55	12.01	10.37	432
NTPC-TELANGANA STPP(2*800)	1,600	1,428	1,438	1,428	20:00	33.21	31.2	1,300
RAMAGUNDAM(3 * 200 + 4 * 500)	2,600	1,970	1,922	1,986	22:01	44.03	41.05	1,710
SIMHADRI STAGE I(2 * 500)	1,000	931	899	954	06:12	21.96	20.74	864
SIMHADRI STAGE II(2 * 500)	1,000	478	474	500	00:10	11.25	10.54	439
TALCHER ST2(4 * 500)	2,000	1,350	1,374	1,412	05:59	34.8	32.62	1,359
Total THERMAL	13,990	9,185	9,102	-	-	215.31	198.14	8,255
KAIGA STG1(2 * 220)	440	385	387	396	09:41	10.35	9.45	394
KAIGA STG2(2 * 220)	440	429	429	439	07:24	11.45	10.53	439
KUDANKULAM(2 * 1000)	2,000	2,016	2,025	2,041	22:37	48.82	45.83	1,910
MAPS(2 * 220)	440	186	190	206	13:38	5.29	4.38	183
Total NUCLEAR	3,320	3,016	3,031	-	-	75.91	70.19	2,926
Total ISGS	17,310	12,201	12,133			291.22	268.33	11,181

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	947	936	967	21:52	20.06	18.97	790
VALLUR TPS(3 * 500)	1,500	1,379	1,351	1,423	00:12	32.5	30.41	1,267
Total THERMAL	2,500	2,326	2,287	-	-	52.56	49.38	2,057
Total JOINT_VENTURE	2,500	2,326	2,287			52.56	49.38	2,057

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	401	404	410	06:43	9.83	9.15	381
IL&FS(2 * 600)	1,200	1,127	1,116	1,131	06:22	26.85	25.15	1,048
JINDAL POWER LIMITED (SIMHAPURI UNIT)(4 * 150)	600	406	399	450	04:45	9.6	8.6	358
MEENAKSHI ENERGY LTD(2 * 150 + 2 * 350)	1,000	151	150	153	00:53	3.23	2.86	119
SEIL P1(2 * 660)	1,320	629	633	642	04:42	14.46	13.56	565
SEIL P2 UNIT-1(1 * 660)	660	621	623	637	05:01	15.79	14.97	624
Total THERMAL	5,980	3,335	3,325	-	-	79.76	74.29	3,095
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	7,078	3,335	3,325			79.76	74.29	3,095

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	206	79	211	19:19	4.19	4.19	175
GREEN INFRA(1 * 249.90)	250	243	40	249	09:34	4.79	4.79	200
HIRIYUR_OSTRO(1 *300.3)	300	248	94	279	18:58	4.21	4.21	175
JSW RENEW ENERGY TWO LTD	170	217	139	284	16:45	5.37	5.37	224
KARUR_JSWRETWO_W	232	49	47	49	20:00	1.19	1.19	50
KOPPAL_AYANASIX_W	300	186	78	186	20:00	3.66	3.66	153
KOPPAL_RENEWOJAS_W	277	0	80	251	18:37	3.23	3.23	135
KOPPAL_RENEWROSHNI_W	291	137	107	245	13:17	3.5	3.5	146
MYTRA(1 * 250)	250	206	151	231	14:58	4.53	4.53	189
ORANGE(1 * 200)	200	186	170	508	11:49	3.53	3.53	147
PGLR_SREPL(1 * 300)	300	178	164	192	00:33	4	4	167
TUTICORINJSWRENEWW(1 * 51.3)	149	115	124	115	20:00	2.69	2.69	112
Total RENEWABLE_WIND	2,939	1,971	1,273			44.89	44.89	1,873

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	14:33	1.19	1.19	99
ANP_ATHENA BIWADI(1 * 50)	50	0	0	44	13:34	0.21	0.21	18
ANP_ATHENA HISAR(1 * 50)	50	0	0	52	13:25	0.22	0.22	18
ANP_ATHENA KARNAL(1 * 50)	50	0	0	51	13:24	0.21	0.21	18
ANP_AYANA(1 * 250)	250	0	0	224	14:44	1.09	1.09	91
ANP_AZURE(1 * 50)	50	0	0	39	14:39	0.18	0.18	15
ANP_IGS1(1 * 50)	50	0	0	50	13:25	0.21	0.21	18
ANP_IGS2(1 * 50)	50	0	0	36	13:22	0.21	0.21	18
ANP_NTPC(5 * 50)	250	0	0	124	14:38	0.68	0.68	57
ANP_TATA(2 * 50)	100	0	0	84	13:33	0.36	0.36	30
SPRING ANG ITRA(1 * 250)	250	0	0	199	14:15	1.02	1.02	85

PAVAGADA								
PVG_ADYAH(6 * 50)	300	0	0	240	14:33	1.7	1.7	142
PVG_AMPLUS PAVAGADA(1 * 50)	50	0	0	47	09:42	0.29	0.29	24
PVG_AMPLUS TUMKUR(1 * 50)	50	0	0	46	12:53	0.29	0.29	24
PVG_AVAADA SOLAR(3 * 50)	150	0	0	123	13:52	0.76	0.76	63
PVG_AVAADA SOLARISE(3 * 50)	150	0	0	137	09:49	0.77	0.77	64
PVG_AZURE POWER EARTH (2 * 50)	100	0	0	98	09:16	0.58	0.58	48
PVG_FORTUM FIN SURYA(2 * 50)	100	0	0	79	12:52	0.47	0.47	39
PVG_KREDL(1 * 50)	50	0	0	40	10:00	0.25	0.25	21
PVG_PARAMPUJYA(3 * 50)	150	0	0	107	09:52	0.67	0.67	56
PVG_RENEW TN2(1 * 50)	50	0	0	45	09:16	0.25	0.25	21
PVG_SBG ENERGY(4 * 50)	200	0	0	192	09:51	1	1	83
PVG_SPRING SOLAR INDIA(5 * 50)	250	0	0	192	09:48	1.28	1.28	107
PVG_TATA RENEWABLES(8 * 50)	400	0	0	303	09:49	1.9	1.9	158
PVG_YARROW(1 * 50)	50	0	0	48	12:55	0.28	0.28	23

OTHER								
GRT(1 * 150)	150	0	0	151	11:32	0.88	0.88	73
NTPC ETTAYAPURAM SOLAR PLANT	230	0	0	244	12:15	1.48	1.48	123
RAMANGUNDAM (SOLAR)(1 * 100)	100	0	0	91	15:03	0.56	0.56	47
SIMHADRI (SOLAR)(1 * 25)	25	0	0	28	10:15	0.15	0.15	13
Total	3,955	0	0			19.14	19.14	1,596

Total ISGS IPP Thermal	22,470	14,846	14,714			347.63	321.81	
STATE THERMAL	27,128	13,895	13,471			331.16	302.65	
Total CPP Import								
Total ISGS & IPP Hydro								
HYDEL	13,187	8,021	7,461	-	-	169.63	168.51	
GAS/NAPTHA/DIESEL	6,456	224	227	-	-	4.33	4.02	
NUCLEAR	3,320	3,015	3,030	-	-	75.92	70.19	
WIND	20,812	10,808	6,808	-	-	247.3	247.3	
SOLAR	21,856	0	0	-	-	110.4	110.4	
OTHERS	4,752	737	746	-	-	22.53	22.53	

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	294	295	-	296	0	7.1	-7.1
4	765KV-SRIKAKULAM-ANGUL	1,274	1,022	2,177	-	30.8	0	30.8
5	HVDC500KV-TALCHER-KOLAR_DC	694	695	696	-	16.96	0	16.96

Sub-Total EAST REGION		2,262	2,012	2,873	296	47.76	7.1	40.66
Import/Export between SOUTH REGION and WEST REGION								
1	220KV-AMBEWADI-PONDA	1	0	-	-	0	0	0
2	220KV-AMBEWADI-XEDEM	92	81	-	106	0	0.28	-0.28
3	220KV-CHIKKODI-KOHLAPUR	0	0	0	-	-	-	-
4	400KV-BHADRAVTAHI-RAMAGUNDAM	1,026	1,020	1,045	-	0	24.6	-24.6
5	400KV-KUDGI_PG-KHOLAPUR_PG	1,579	1,524	-	2,282	0	40.43	-40.43
6	765KV-NIZAMABAD-WARDHA	615	457	2,080	-	19.07	0	19.07
7	765KV-RAICHUR_PG-SHOLAPUR	871	938	-	2,003	0	23.14	-23.14
8	765KV-WARANGAL(NEW)-WARORA	458	232	1,933	-	13.87	0	13.87
9	HVDC800KV-RAIGARH HVDC-PUGALUR HVDC	203	202	400	-	0	9.18	-9.18
Sub-Total WEST REGION		4,845	4,454	5,458	4,391	32.94	97.63	-64.69
TOTAL IR EXCHANGE		7,107	6,466	8,331	4,687	80.7	104.73	-24.03

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

	ISGS+GNA Schedule	T-GNA Bilateral	GDAM Schedule	DAM Schedule	HPDAM Schedule	RTM Schedule	Total IR Schedule	Total IR Actual	NET IR UI
SR-ER	-6.62	-15.21	0	0	0	-0.58	-22.41	8.04	30.45
SR-WR	1.73	-39.89	-10.92	45.51	0	-36.84	-40.41	-64.69	-24.28
Total	-4.89	-55.1	-10.92	45.51	0	-37.42	-62.82	-56.65	6.17

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	.104	13.403	76.806	45.938	9.792

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

Maximum		Minimum		Average Frequency	Freq Variation Index	Standard Deviation	Freq. in 15 mnt blk	
Frequency	Time	Frequency	Time				Max.	Min.
50.177	18:02:40	49.685	22:10:30	49.978	0.053	0.069	50.08	49.82

6.Voltage Profile: 400kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 380	< 390	> 420	> 430
GHANAPUR - 400KV	426	18:01	404	12:34	0	0	50.208	0
GOOTY - 400KV	422	20:03	397	12:10	0	0	3.819	0
HIRIYUR - 400KV	420	02:34	396	12:39	0	0	0	0
KAIGA - 400KV	419	02:32	398	12:40	0	0	0	0
KOLAR_AC - 400KV	421	02:34	393	10:23	0	0	3.681	0
KUDANKULAM - 400KV	413	02:24	396	11:27	0	0	0	0
SHANKARAPALLY - 400KV	416	00:04	397	11:39	0	0	0	0
SOMANAHALLI - 400KV	420	02:34	391	10:24	0	0	.069	0
SRIPERUMBADUR - 400KV	408	02:31	389	10:43	0	2.153	0	0
TRICHY - 400KV	413	02:23	391	10:25	0	0	0	0
TRIVANDRUM - 400KV	421	02:23	386	12:14	0	6.806	1.944	0
VIJAYAWADA - 400KV	408	17:59	395	12:12	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	02:21	221	12:11	0	0	0	0
GOOTY - 220KV	234	00:00	218	12:20	0	0	0	0
HIRIYUR - 220KV	228	01:38	213	12:31	0	0	0	0
KAIGA - 220KV	233	02:38	223	12:40	0	0	0	0
KOLAR_AC - 220KV	230	05:07	213	09:45	0	0	0	0
SOMANAHALLI - 220KV	226	02:24	208	10:22	0	12.639	0	0
SRIPERUMBADUR - 220KV	228	00:00	213	10:20	0	0	0	0
TRICHY - 220KV	228	23:07	211	10:46	0	0	0	0
TRIVANDRUM - 220KV	234	02:34	214	12:15	0	0	0	0
VIJAYAWADA - 220KV	237	18:03	228	12:16	0	0	25.139	0

6.2 Voltage Profile: 765kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 720	< 750	> 780	> 800
KURNOOL - 765KV	796	20:04	756	11:54	0	0	53.75	0
NIZAMABAD - 765KV	804	20:03	770	06:48	0	0	74.17	8.82
RAICHUR_PG - 765KV	794	20:04	756	11:54	0	0	53.47	0
SRIKAKULAM - 765KV	797	18:03	773	07:13	0	0	73.61	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	1,080	0	522	68.31	9.04	1,152.63	185.54
IDUKKI	694.94	732.43	2,148	719.5	1,201	710.73	690	54.99	10.87	608.37	221.24
JALAPUT	818.39	838.4	534	833.45	334	824.42	113	10.26	1.1	278	30.94
N.SAGAR	155.45	179.9	1,398	156.85	44	157	49	36.92	2.63	96.42	11.62
SRISAILAM	243.84	270.7	1,392	268.8	931	257.22	215	218.61	34.08	1,318.33	211.34
SUPA	495	564	3,159	552.5	2,177	544.3	1,604	0.14	12.81	1,186.75	259.82
LINGANAMAKKI	522.73	554.5	4,557	551.84	3,742	544.68	2,022	0.36	13.83	2,749.06	282.7
KAKKI	908.3	981.45	916	964.57	436	957.82	319	24.29	5.25	298.71	146.56
TOTAL	-	-	15,608	-	9,945	-	5,534	413.88	93.95	7,688.27	1,432.67

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	-52.42	-11.8	-204.4	0	56.54	0	0	0	0	0	0	0	0
KARNATAKA	-813.32	-663	-1,258.93	0	275.34	0	0	0	0	0	0	0	0
KERALA	-455.53	0	0	0	-550.3	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	0	0	0	0	0	0	0	0	0	0	0
TAMILNADU	-236.16	0	-61.6	0	104.92	0	0	0	0	0	0	0	0
TELANGANA	-37.48	0	2,745.12	0	0	0	0	0	0	0	0	0	0
TOTAL	-1,594.91	-674.8	1,220.19	0	-113.5	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	-173.83	-13.1	-124	0	-22.7	0	0	0	0	0	0	0	0
KARNATAKA	-863.18	-57.17	-405.79	0	-269.33	0	0	0	0	0	0	0	0
KERALA	-230.53	0	127.8	0	17.78	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	0	0	1.76	0	0	0	0	0	0	0	0
TAMILNADU	216.15	0	235.76	0	118.35	0	0	0	0	0	0	0	0
TELANGANA	-37.48	0	1,444.8	0	436.87	0	0	0	0	0	0	0	0
TOTAL	-1,088.87	-70.27	1,278.57	0	282.73	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	42.62	-2.12	-0.39	-1.89	0	-0.25	37.97
KARNATAKA	52.83	-17.59	-6.61	-22.78	0	-5.85	0.03
KERALA	48.39	-7.03	0.16	-0.13	0	-5.24	36.14
PONDICHERY	10.07	0	0	-0.29	0	-0.06	9.73
TAMILNADU	150.76	-2.96	0.59	4.61	0	-13.69	139.32
TELANGANA	86.76	-0.9	0.09	70.01	0	-3.4	152.56
TOTAL	391.43	-30.6	-6.16	49.53	0	-28.49	375.75

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	2,332.71	1,196.43	-49.78	-176.56	10.7	-302.55	0	0	0	0	163.24	-206.1	0	0
KARNATAKA	4,229.54	256.85	-595.09	-863.44	33.5	-663	0	0	0	0	-153.87	-2234.91	0	0
KERALA	2,351.89	1,854.36	-210.53	-455.53	40.26	0	0	0	0	0	233.77	-141.81	0	0
PONDICHERY	483.97	368.21	0	0	0	0	0	0	0	0	0.55	-53	0	0
TAMILNADU	6,892.19	5,199.67	360.63	-568.91	94.49	0	0	0	0	0	948.22	-61.6	0	0
TELANGANA	5,323.77	2,640.64	-37.48	-37.48	34.39	0	0	0	0	0	4286.24	1000.76	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	437.96	-880	0	0	0	0
KARNATAKA	0	0	0	0	0	0	0	0	371.9	-1,564.3	0	0	0	0
KERALA	0	0	0	0	0	0	0	0	134.08	-640.3	0	0	0	0
PONDICHER ..	0	0	0	0	0	0	0	0	28.9	-33	0	0	0	0
TAMILNADU	0	0	0	0	0	0	0	0	802.53	-3,393.39	0	0	0	0
TELANGANA	0	0	0	0	0	0	0	0	1,155.84	-1,626.21	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	0.15	30	30	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