

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 #
50,622	-540	51,162	50.02	43,525	0	43,525	50	1,270.98	2.64

* 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	121.74	25.92	0	14.16	16.25	3.06	64.63	65.14	0.51	245.76	246.27	0
KARNATAKA	66.16	56.08	0	23.98	35.12	15.98	52.73	57	4.27	250.05	254.32	2.3
KERALA	0	39.06	0	0.31	1.6	0.29	41.38	42	0.62	82.65	83.26	0.14
PONDICHERRY	0	0	0.52	0	0.06	0	9.25	9.33	0.08	9.83	9.91	0.2
TAMILNADU	74.12	30.47	1.7	29.17	42.2	5.49	191.67	197.45	5.78	374.81	380.58	0
TELANGANA	85.13	50.51	0	0.43	21.33	5.12	135.36	134.13	-1.23	297.88	296.64	0
Region	347.15	202.04	2.22	68.05	116.56	29.94	495.02	505.05	10.03	1,260.98	1,270.98	2.64

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	9,467	0	9,467	8,966	0	8,966	10,270	243	3.27
KARNATAKA	9,606	-500	10,106	7,151	0	7,151	10,621	240.42	16.2
KERALA	4,224	0	4,224	2,916	0	2,916	3,360	82.3	1.1
PONDICHERRY	377	-40	417	317	0	317	399	10.03	0.09
TAMILNADU	17,131	0	17,131	13,073	0	13,073	16,180	390	-9.42
TELANGANA	9,817	0	9,817	11,102	0	11,102	12,848	290	6.64
Region	50,622	-540	51,162	43,525	0	43,525	53,678	1,255.75	17.88

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	11,982	14:46	0	11,982	11,982	14:46	0	11,982	833.59	04:00	-790.16	19:01
KAR	13,716	10:00	0	13,716	13,716	10:00	0	13,716	494.48	06:02	-1,057.09	22:21
KER	4,224	20:00	0	4,224	4,224	20:00	0	4,224	412.46	05:01	-503.14	22:31
PONDY	465	22:00	-30	495	465	22:00	-30	495	86.74	01:43	-112.33	07:01
TN	18,049	18:30	0	18,049	18,049	18:30	0	18,049	629.3	15:32	-1,458.34	22:28
TG	15,906	07:55	0	15,906	15,906	07:55	0	15,906	771.29	07:08	-502.3	17:01
Region	60,647	10:28:22	0	60,677	60,647	10:28:22	0	60,677	2,266.66	16:19	-4,684.24	19:07

3(A) State Entities Generation:

ANDHRA PRADESH										
Station/Constituents	Inst. Capacity	20:00	03:00	Day Peak		Min Generation (06:00-18:00)		Day Energy		AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	(MW)	Hrs	Gross Gen(MU)	Net Gen(MU)	
HINDUJA POWER CORPORATION LTD(2 * 520)	1,040	472	468	498	12:05	303	16:48	11.16	10.51	438
KRISHNAPATTANAM (3 * 800)	2,400	1,340	1,487	1,516	02:02	1,330	17:16	36.54	34.23	1,426
RAYALASEEMA TPP(1 * 600 + 5 * 210)	1,650	1,343	953	1,362	19:23	868	13:43	28.92	26.11	1,088
SEIL P2 UNIT-2(1 * 660)	660	629	626	635	03:30	501	16:40	15.68	14.96	623
VIJAYAWADA TPS(1 * 800 + 1 * 500 + 6 * 210)	2,560	1,663	1,414	1,688	20:02	1,348	16:52	39.22	35.93	1,497
OTHER THERMAL	0	0	0	0	00:00	0	-	-	-	-
Total THERMAL	8,310	5,447	4,948	-	-	-	-	131.52	121.74	5,072
HAMPI	36	0	0	20	00:00	0	-	0.48	0.48	20
LOWER SILERU(4 * 115)	460	13	13	118	01:36	13	10:41	2.89	2.84	118
SRISAILAM RBPH(7 * 110)	770	641	638	645	19:14	629	11:10	15.37	15.34	639
UPPER SILERU(4 * 60)	240	160	111	167	05:38	2	13:49	2.15	2.15	90
OTHER HYDEL	431	483	365	483	00:00	0	-	5.13	5.12	213
Total HYDEL	1,937	1,297	1,127	-	-	-	-	26.02	25.93	1,080
GAUTAMI CCPP(1 * 174 + 2 * 145)	464	0	0	0	00:00	0	06:00	0	0	0
GMR (BARG)(1 * 237)	237	0	0	0	00:00	0	06:00	0	0	0
JEGURUPADU (GAS)(1 * 49.9 + 1 * 75.5 + 2 * 45.8)	217	0	0	0	00:00	0	06:00	0	0	0
JEGRUPADU EXT.(1 * 220)	220	0	0	0	00:00	0	-	-	-	-
KONASEEMA CCPP(1 * 140 + 1 * 145 + 1 * 165)	450	0	0	0	00:00	0	06:00	0	0	0
LANCO (GAS)(1 * 121 + 2 * 115)	351	0	0	0	00:00	0	10:41	0	0	0
RELIANCE ENERGY LTD. (GAS)(1 * 140 + 1 * 80)	220	0	0	0	00:00	0	10:42	0	0	0
SPECTRUM (GAS)(1 * 46.8 + 1 * 68.8 + 2 * 46.1)	208	0	0	0	00:00	0	10:41	0	0	0
VEMAGIRI POWER GENERATION LTD.(GAS)(1 * 137 + 1 * 233)	370	0	0	0	00:00	0	-	0	0	0

VIJESWARAM GTS(1 * 112.5 + 1 * 34 + 1 * 59.5 + 2 * 33)	272	0	0	0	00:00	0	10:41	0	0	0
OTHER GAS/NAPTHA/DIESEL	27	0	0	0	00:00	0	-	-	-	-
Total GAS/NAPTHA/DIESEL	3,036	0	0	-	-	-	-	0	0	0
WIND	4,084	275	1,003	1,309	00:28	346	12:18	14.16	14.16	590
SOLAR	3,356	0	0	2,223	11:21	0	06:02	16.25	16.25	677
OTHERS	619	84	90	127	01:36	85	10:41	3.06	3.06	128
Total AP	21,342	7,103	7,168	-	-	-	-	191.01	181.14	7,547

TELANGANA										
Station/Constituents	Inst. Capacity	20:00	03:00	Day Peak		Min Generation (06:00-18:00)		Day Energy		AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	(MW)	Hrs	Gross Gen(MU)	Net Gen(MU)	
BHADRADRI TPS(4 * 270)	1,080	686	288	745	21:38	281	08:00	10.7	9.42	393
KAKATIYA ST1&ST2(1 * 500 + 1 * 600)	1,100	1,008	645	1,065	01:23	573	09:05	21.11	19.94	831
KOTHAGUEDEM TPS(1 * 500 + 1 * 800 + 2 * 250)	1,800	1,537	582	1,585	20:08	550	11:24	24.78	23	958
RAMAGUNDAM-B(1 * 62.5)	63	0	0	0	00:00	0	10:40	0	0	0
SINGARENI TPS(2 * 600)	1,200	1,171	675	1,221	22:25	655	09:57	22.17	20.75	865
YADADRI(2 * 800)	1,600	666	450	683	18:51	420	10:36	12.76	12.02	501
Total THERMAL	6,843	5,068	2,640					91.52	85.13	3,548
NAGARJUNA SAGAR(1 * 110 + 7 * 100.8)	816	812	815	844	18:56	760	16:06	19.88	19.82	826
NAGARJUNA SAGAR (PUMP)(1 * 110 + 7 * 100.8)	816	0	0	0	00:00	0	-	0	0	0
SRISAILAM LBPH(6 * 150)	900	715	710	717	19:10	697	16:05	17.07	17.04	710
SRISAILAM LBPH(PUMP)(6 * 150)	900	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	957	587	542	587	00:00	0	10:41	13.77	13.66	569
Total HYDEL	2,673	2,114	2,067					50.72	50.52	2,105
WIND	128	0	0	18	00:00	0	-	0.43	0.43	18
SOLAR	3,818	0	0	2,849	10:56	12	06:09	21.33	21.33	889
OTHERS	252	0	0	213	00:00	0	-	5.12	5.12	213
Total TG	13,714	7,182	4,707					169.12	162.53	6,773

KARNATAKA										
Station/Constituents	Inst. Capacity	20:00	03:00	Day Peak		Min Generation (06:00-18:00)		Day Energy		AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	(MW)	Hrs	Gross Gen(MU)	Net Gen(MU)	
BELLARY TPS(1 * 700 + 2 * 500)	1,700	764	799	837	01:07	711	07:55	19.58	18.39	766
JINDAL(2 * 130 + 4 * 300)	1,460	0	0	263	22:03	0	-	24.45	22.48	28
JINDAL (EXCL. CAPTIVE CONSUMPTION)(2 * 130 + 4 * 300)	1,460	106	0	263	22:03	0	06:28	0.68	0.68	28
RAICHUR TPS(1 * 250 + 7 * 210)	1,720	1,033	978	1,085	18:28	872	11:55	26.47	23.67	986
UPCL(2 * 600)	1,200	1,126	621	1,147	19:29	951	16:01	24.82	23.42	976
YERAMARAS TPS(2 * 800)	1,600	0	0	0	00:00	0	13:24	0	0	0
Total THERMAL	7,680	3,029	2,398	-	-	-	-	71.55	66.16	1,847
NAGJHERI(1 * 135 + 5 * 150)	885	668	436	706	19:15	194	14:03	12.19	12.05	502
SHARAVATHI(10 * 103.5)	1,035	790	750	843	12:44	702	07:59	18.68	18.54	773
VARAHI UGPH(4 * 115)	460	397	397	413	21:13	68	14:03	8.88	8.72	363
OTHER HYDEL	2,137	1,217	1,078	1,217	00:41	694	08:31	16.77	16.77	699
Total HYDEL	4,517	3,072	2,661	-	-	-	-	56.52	56.08	2,337
OTHER GAS/NAPTHA/DIESEL	126	0	0	0	00:00	1	10:42	0	0	0
Total GAS/NAPTHA/DIESEL	126	0	0	-	-	-	-	0	0	0
WIND	5,440	1,178	1,329	1,355	03:12	583	08:16	23.98	23.98	999
SOLAR	6,571	0	0	4,573	11:13	0	06:00	35.12	35.12	1,463
OTHERS	1,832	90	116	2,129	06:41	58	12:43	15.98	15.98	2,129
Total KAR	26,166	7,369	6,504	-	-	-	-	203.15	197.32	8,775

KERALA										
Station/Constituents	Inst. Capacity	20:00	03:00	Day Peak		Min Generation (06:00-18:00)		Day Energy		AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	(MW)	Hrs	Gross Gen(MU)	Net Gen(MU)	
IDDUKKI(6 * 130)	780	581	501	766	06:36	81	11:01	11.14	11.1	463
LOWER PERIYAR (3 * 60)	180	164	161	167	17:47	87	08:01	3.18	3.17	132
SABARIGIRI(2 * 60 + 4 * 55)	340	246	246	249	11:56	210	06:01	5.83	5.82	243
OTHER HYDEL	834	685	705	791	00:20	462	07:14	18.98	18.98	791
Total HYDEL	2,134	1,676	1,613	-	-	-	-	39.13	39.07	1,629
BRAHMAPURAM DGPP (DIESEL)(3 * 21.32)	64	0	0	0	00:00	2	14:18	0	0	0
BSES (NAPTHA)(1 * 35.5 + 3 * 40.5)	157	0	0	0	00:00	0	10:41	-	-	-
KOZHICODE DPP (DIESEL)(6 * 16)	96	0	0	0	00:00	0	06:00	0	0	0
MPS STEEL CASTINGS(1 * 10)	10	0	0	0	00:00	0	-	-	-	-
RGCCPP KAYAMKULAM (KSEB) - NTPC(1 * 126.38 + 2 * 116.6)	360	0	0	0	00:00	1	06:03	0	0	0
OTHER GAS/NAPTHA/DIESEL	22	0	0	0	00:00	0	10:41	-	-	-
Total GAS/NAPTHA/DIESEL	709	0	0	-	-	-	-	0	0	0
WIND	70	0	0	13	00:00	0	-	0.31	0.31	13
SOLAR	1,988	0	0	67	00:00	0	-	1.6	1.6	67
OTHERS	20	0	0	12	00:00	0	-	0.29	0.29	12
Total KER	4,921	1,676	1,613	-	-	-	-	41.33	41.27	1,721

TAMIL NADU										
Station/Constituents	Inst. Capacity	20:00	03:00	Day Peak		Min Generation (06:00-18:00)		Day Energy		AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	(MW)	Hrs	Gross Gen(MU)	Net Gen(MU)	
METTUR TPS(1 * 600 + 4 * 210)	1,440	908	718	978	23:53	794	13:50	21.35	19.44	810
NCTPS STG3(Infirm - 800 MW)	0	0	0	0	00:00	0	-	0	0	0
NORTH CHENNAI TPS STG-II(2 * 600)	1,200	855	758	866	20:13	598	12:16	19	17.64	735
NORTH CHENNAI TPS(3 * 210)	630	264	253	284	21:29	207	16:23	7.02	6.13	255
OPG PGPL	414	0	0	82	00:00	0	-	2.23	1.98	83
SEPC(1 * 525)	525	490	494	520	15:37	251	13:02	11.99	11.4	475
ST - CMS(1 * 250)	250	249	248	252	16:06	166	12:34	5.85	5.4	225
TUTICORIN(5 * 210)	1,050	511	519	530	06:34	434	12:49	13.38	12.14	506
Total THERMAL	5,509	3,277	2,990					80.82	74.13	3,089
KADAMPARAI (4 * 100)	400	100	0	102	18:25	3	09:45	1.59	1.58	66
KADAMPARAI (PUMP)(4 * 100)	400	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	1,826	1,258	1,235	1,258	12:22	206	07:29	29.15	28.89	1,204
Total HYDEL	2,226	1,358	1,235					30.74	30.47	1,270
BASIN BRIDGE (NAPTHA)(4 * 30)	120	0	0	0	00:00	0	13:24	0	0	0
KOVIL KALAPPAL (GAS)(1 * 37.8 + 1 * 70)	108	0	0	0	00:00	0	06:05	0	0	0
KUTTALAM (GAS)(1 * 37 + 1 * 64)	101	0	0	0	00:00	0	12:08	0	0	0
MADURAI POWER CL (DIESEL)(1 * 106)	106	0	0	0	00:00	0	10:41	0	0	0
P P NALLUR (NAPTHA)(1 * 330.5)	331	0	0	0	00:00	0	10:41	0	0	0
SAMALPATTY (DIESEL)(7 * 15.1)	106	0	0	0	00:00	0	10:41	0	0	0
VALATTUR(STG1&STG2)(1 * 32 + 1 * 35 + 2 * 60)	187	27	39	71	10:08	32	17:56	1.82	1.7	71
OTHER GAS/NAPTHA/DIESEL	166	0	0	0	00:00	0	06:00	0	0	0
OTHER GAS/NAPTHA/DIESEL	196	0	0	0	00:00	0	-	0	0	0
Total GAS/NAPTHA/DIESEL	1,421	27	39					1.82	1.7	71
WIND	9,392	2,010	897	2,455	17:11	448	06:58	29.17	29.17	1,215
SOLAR	9,555	0	0	6,703	11:44	11	06:00	42.2	42.2	1,758
OTHERS	2,029	386	373	386	01:36	350	10:35	5.49	5.49	229
Total TN	30,132	7,058	5,534					190.24	183.16	7,632

3(B) Regional Entities Generation

ISGS										
Station/Constituents	Inst. Capacity	20:00	03:00	Day Peak		Min Generation (06:00-18:00)		Day Energy		AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	(MW)	Hrs	Gross Gen(MU)	Net Get(MU)	
KUDGI(3 * 800)	2,400	0	0	0	00:00	0	13:24	0	0	0
NEYVELI TS I EXPN (2 * 210)	420	144	163	171	07:43	0	13:02	3.84	3.63	151
NEYVELI TS II(7 * 210)	1,470	519	611	627	03:07	478	13:13	16.19	12.74	531
NEYVELI TS II EXPN (2 * 250)	500	204	163	223	23:40	134	10:48	5.11	4.36	182
NNTPS(2 * 500)	1,000	667	673	725	15:14	522	12:29	17.01	14.87	620
NTPC-TELANGANA STPP(2*800)	1,600	727	439	727	20:00	0	-	15.15	13.83	576
RAMAGUNDAM(3 * 200 + 4 * 500)	2,600	1,061	345	1,467	23:58	328	16:16	16.68	15.25	635
SIMHADRI STAGE I(2 * 500)	1,000	436	267	442	20:40	245	15:42	9.07	8.34	348
SIMHADRI STAGE II(2 * 500)	1,000	463	277	483	17:06	247	15:50	9.58	9.05	377
TALCHER ST2(4 * 500)	2,000	1,414	1,410	1,414	18:41	990	13:53	32.27	30.3	1,263
Total THERMAL	13,990	5,635	4,348	-	-	-	-	124.9	112.37	4,683
KAIGA STG1(2 * 220)	440	194	197	201	23:04	184	07:33	5.3	4.79	200
KAIGA STG2(2 * 220)	440	427	426	438	07:45	416	10:13	11.45	10.52	438
KUDANKULAM(2 * 1000)	2,000	1,018	1,021	1,030	01:04	1,006	13:00	24.62	23.07	961
MAPS(2 * 220)	440	0	0	0	00:00	26	13:31	0	0	0
Total NUCLEAR	3,320	1,639	1,644	-	-	-	-	41.37	38.38	1,599
Total ISGS	17,310	7,274	5,992					166.27	150.75	6,282

JOINT VENTURE										
Station/Constituents	Inst. Capacity	20:00	03:00	Day Peak		Min Generation (06:00-18:00)		Day Energy		AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	(MW)	Hrs	Gross Gen(MU)	Net Get(MU)	
NTPL(2 * 500)	1,000	955	518	966	20:39	378	13:22	17.34	16.32	680
VALLUR TPS(3 * 500)	1,500	1,345	1,353	1,420	05:45	1,085	15:21	33	30.92	1,288
Total THERMAL	2,500	2,300	1,871	-	-	-	-	50.34	47.24	1,968
Total JOINT_VENTURE	2,500	2,300	1,871					50.34	47.24	1,968

IPP UNDER OPEN ACCESS										
Station/Constituents	Inst. Capacity	20:00	03:00	Day Peak		Min Generation (06:00-18:00)		Day Energy		AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	(MW)	Hrs	Gross Gen(MU)	Net Get(MU)	
COASTAL ENERGEN(2 * 600)	1,200	523	522	560	05:17	511	10:02	13.43	12.55	523
IL&FS(2 * 600)	1,200	561	543	563	18:50	305	09:56	13.93	13.02	543
JINDAL POWER LIMITED (SIMHAPURI UNIT)(4 * 150)	600	540	233	547	19:14	136	13:43	7.85	7.19	300
MEENAKSHI ENERGY LTD STAGE1(2 * 150)	300	0	0	0	00:00	43	14:55	0	0	0
MEENAKSHI ENERGY LTD STAGE2(2 * 350)	700	0	0	226	00:00	0	-	5.98	5.42	226
SEIL P1(2 * 660)	1,320	1,261	945	1,273	19:27	711	11:13	25.11	23.69	987
SEIL P2 UNIT-1(1 * 660)	660	628	497	634	21:49	386	12:58	14.18	13.5	563
Total THERMAL	5,980	3,513	2,740	-	-	-	-	80.48	75.37	3,142
LKPPL ST2(1 * 133 + 1 * 233)	366	339	0	340	23:43	14	11:57	2.91	2.82	118
LKPPL ST3(2 * 133 + 2 * 233)	732	0	0	0	00:00	0	-	0	0	0
Total GAS/NAPTHA/DIESEL	1,098	339	0	-	-	-	-	2.91	2.82	118
Total REGIONAL_IPP	7,078	3,852	2,740					83.39	78.19	3,260

RENEWABLE WIND										
Station/Constituents	Inst. Capacity	20:00	03:00	Day Peak		Min Generation (06:00-18:00)		Day Energy		AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	(MW)	Hrs	Gross Gen(MU)	Net Get(MU)	
GADAG_GREENINFRA_W	55	30	70	74	02:40	3	17:53	0.75	0.75	31
GADAG_RSPL_W	175	91	85	73	20:00	183	17:10	1.76	1.76	73
GADAG_VENA_W	133	53	115	53	20:00	0	-	1.23	1.23	51
GREEN INFRA(1 * 249.90)	250	15	0	112	15:12	1	06:57	0.42	0.42	18
HIRIYUR_OSTRO(1 *300.3)	300	0	0	67	00:00	0	07:40	1.6	1.6	67
HIRIYUR_ZREPL_W	66	36	39	36	20:00	0	-	0.43	0.43	18
JSW RENEW ENERGY TWO LTD	300	44	0	100	14:21	2	12:49	0.41	0.41	17
KARUR_JSWRENEW_W	162	89	89	89	20:00	0	-	1.53	1.53	64
KARUR_JSWRETWO_W	150	84	42	84	20:00	0	-	1.18	1.18	49
KOPPAL_AYANASIX_W	300	67	82	79	20:00	0	-	1.89	1.89	79
KOPPAL_KLEIO_W	101	0	0	17	00:00	0	-	0.4	0.4	17
KOPPAL_RENEWOJAS_W	319	0	63	289	18:00	41	08:10	2.04	2.04	85
KOPPAL_RENEWROSHNI_W	291	134	61	213	16:41	17	07:56	1.83	1.83	76
KURNOOL_AMGREEN_W	304	0	0	74	00:00	0	10:41	1.77	1.77	74
MYTRA(1 * 250)	250	20	11	113	15:34	0	06:14	0.44	0.44	18
ORANGE(1 * 200)	200	11	5	81	15:38	1	07:17	0.32	0.32	13
PGLR_SAUPL_W	53	0	0	10	00:00	0	-	0.24	0.24	10
PGLR_SREPL(1 * 300)	300	156	138	183	00:32	0	11:14	1.85	1.85	77
TUTICORINJSWRENEW(1 * 51.3)	540	78	26	78	20:00	0	-	1.19	1.19	50
VIVID SOLAIRE (BEETAM)(1 * 220)	220	14	12	127	15:34	2	09:56	0.47	0.47	20
Total RENEWABLE_WIND	4,469	922	838					21.75	21.75	907

RENEWABLE SOLAR										
Station/Constituents	Inst. Capacity	20:00	03:00	Day Peak		Min Generation (06:00-18:00)		Day Energy		AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	(MW)	Hrs	Gross Gen(MU)	Net Get(MU)	
NP_KUNTA										
ANP_ADANIAPSEVEN(5 * 50)	250	0	0	251	13:38	0	06:01	1.87	1.87	156
ANP_ATHENA BIWADI(1 * 50)	50	0	0	53	12:44	0	06:00	0.37	0.37	31
ANP_ATHENA HISAR(1 * 50)	50	0	0	52	12:43	0	06:00	0.38	0.38	32
ANP_ATHENA KARNAL(1 * 50)	50	0	0	51	12:43	0	06:06	0.36	0.36	30
ANP_AYANA(1 * 250)	250	0	0	264	13:36	0	06:01	1.91	1.91	159
ANP_AZURE(1 * 50)	50	0	0	46	13:42	0	06:00	0.3	0.3	25
ANP_IGS1(1 * 50)	50	0	0	51	12:00	0	06:06	0.36	0.36	30
ANP_IGS2(1 * 50)	50	0	0	52	11:55	0	06:06	0.34	0.34	28
ANP_NTPC(5 * 50)	250	0	0	177	13:54	1	06:00	1.16	1.16	97
ANP_TATA(2 * 50)	100	0	0	95	12:53	0	06:06	0.66	0.66	55
SPRING ANG ITRA(1 * 250)	250	0	0	229	12:29	0	06:01	2.03	2.03	169
PAVAGADA										
PVG_ADYAH(6 * 50)	300	0	0	89	00:00	0	07:40	2.14	2.14	178
PVG_AMPLUS PAVAGADA(1 * 50)	50	0	0	51	14:15	1	06:00	0.35	0.35	29
PVG_AMPLUS TUMKUR(1 * 50)	50	0	0	52	14:16	1	06:00	0.35	0.35	29
PVG_AVAADA SOLAR(3 * 50)	150	0	0	152	11:30	1	06:00	1.02	1.02	85
PVG_AVAADA SOLARISE(3 * 50)	150	0	0	160	12:40	1	06:00	1.04	1.04	87
PVG_AZURE POWER EARTH (2 * 50)	100	0	0	76	14:26	1	06:00	0.55	0.55	46
PVG_FORTUM FIN SURYA(2 * 50)	100	0	0	74	11:24	1	06:00	0.5	0.5	42
PVG_IRCON_S	225	0	0	105	00:00	0	-	2.51	2.51	209
PVG_KREDL(1 * 50)	50	0	0	48	12:59	1	06:00	0.32	0.32	27
PVG_PARAMPUJYA(3 * 50)	150	0	0	130	11:30	1	06:00	0.91	0.91	76
PVG_RENEW TN2(1 * 50)	50	0	0	51	12:53	1	06:00	0.38	0.38	32
PVG_SBG ENERGY(4 * 50)	200	0	0	195	11:26	0	06:00	1.37	1.37	114
PVG_SPRING SOLAR INDIA(5 * 50)	250	0	0	249	11:23	1	06:00	1.63	1.63	136
PVG_TATA RENEWABLES(8 * 50)	400	0	0	363	11:15	1	06:00	2.55	2.55	213
PVG_YARROW(1 * 50)	50	0	0	51	12:06	1	06:00	0.34	0.34	28
OTHER										
GADAG_SERENTICA3_S	69	0	0	17	00:00	0	-	0.4	0.4	33
GADAG_VENA_S	31	0	0	9	00:00	0	-	0.21	0.21	18
GRT(1 * 150)	150	0	0	153	12:54	0	17:07	0.75	0.75	63
KOPPAL_KLEIO_S	105	0	0	28	00:00	0	-	0.68	0.68	57
KOPPAL_RENEWOJAS_S	81	0	0	20	00:00	0	10:41	0.49	0.49	41
KOPPAL_SRIIPL_S	188	0	2	60	00:00	0	-	1.45	1.45	121
KURNOOL_AMGREEN_S	599	0	0	158	00:00	0	-	3.78	3.78	315
NTPC ETTAYAPURAM SOLAR PLANT	230	0	0	249	13:03	0	06:00	1.12	1.12	93
RAMANGUNDAM (SOLAR)(1 * 100)	100	0	0	100	12:12	0	06:00	0.56	0.56	47
SIMHADRI (SOLAR)(1 * 25)	25	0	0	3	00:00	0	07:39	0.08	0.08	7
Total	5,253	0	2					35.22	35.22	2,938

Total ISGS IPP Thermal	22,470	11,448	8,959					255.72	234.98	
STATE THERMAL	28,342	16,821	12,976					375.41	347.16	
Total CPP Import										
Total ISGS & IPP Hydro										
HYDEL	13,487	9,517	8,703	-	-	-	-	203.74	202.07	
GAS/NAPTHA/DIESEL	6,826	366	39	-	-	-	-	5.29	5.04	
NUCLEAR	3,320	1,660	1,661	-	-	-	-	41.37	38.38	
WIND	23,583	4,385	4,068	-	-	-	-	89.8	89.8	
SOLAR	30,643	0	2	-	-	-	-	151.78	151.78	
OTHERS	4,752	560	579	-	-	-	-	29.94	29.94	

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-UPPER_SILERU-BALIMELA	-	-	-	-	0	0	0
2	400KV-GAZUWAKA-JEYPORE	606	513	735	-	14.68	0	14.68
3	765KV-SRIKAKULAM-ANGUL	1,068	2,065	2,876	-	38.83	0	38.83
4	HVDC500KV-TALCHER-KOLAR_DC	1,480	1,479	1,969	-	36.51	0	36.51
Sub-Total EAST REGION		3,154	4,057	5,580	0	90.02	0	90.02
Import/Export between SOUTH REGION and WEST REGION								
1	220KV-AMBEWADI-PONDA	0	0	-	-	0	0	0
2	220KV-AMBEWADI-XELDEM	89	82	-	98	0	1.98	-1.98
3	220KV-CHIKKODI-MUDASANGI	0	0	0	-	-	-	-
4	220KV-CHIKKODI-TALANGADE	-	-	-	-	-	-	-
5	220KV-LOWER_SILERU-BARSUR	-	-	-	-	-	-	-
6	400KV-BHADRAVTAHI-RAMAGUNDAM	491	309	525	-	5.95	0	5.95
7	400KV-KUDGI_PG-KHOLAPUR_PG	870	620	-	1,391	0	18.41	-18.41
8	765KV-NIZAMABAD-WARDHA	398	2,229	3,459	-	37.98	0	37.98
9	765KV-RAICHUR_PG-SHOLAPUR	1,060	296	-	1,590	0	5.91	-5.91

10	765KV-WARANGAL(NEW)-WARORA	366	2,032	3,182	-	33.91	0	33.91
11	HVDC800KV-RAIGARH HVDC-PUGALUR HVDC	1,902	279	-	553	73.43	0	73.43
Sub-Total WEST REGION		5,176	5,847	7,166	3,632	151.27	26.3	124.97
TOTAL IR EXCHANGE		8,330	9,904	12,746	3,632	241.29	26.3	214.99

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	28.94	-3.69	0	0.02	0	0.09	0.39	59.714	59.324
SR-WR	31.2	-11.1	2.11	74.32	0	44.61	173.87	124.968	-48.902
Total	60.14	-14.79	2.11	74.34	0	44.7	174.26	184.682	10.422

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	1.25	4.028	20.891	63.889	38.449	15.22

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

Maximum		Minimum		Average Frequency	Freq Variation Index	Standard Deviation	Freq. in 15 mnt blk	
Frequency	Time	Frequency	Time				Max.	Min.
50.236	16:05:10	49.432	19:14:30	49.958	0.15	0.115	50.16	49.51

6.Voltage Profile: 400kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 380	< 390	> 420	> 430
GHANAPUR - 400KV	426	00:00	399	06:27	0	0	15.278	0
GOOTY - 400KV	421	00:01	396	10:57	0	0	3.056	0
HIRIYUR - 400KV	429	00:00	403	09:42	0	0	40.972	0
KAIGA - 400KV	421	03:02	390	09:32	0	.278	6.111	0
KOLAR_AC - 400KV	425	02:01	393	09:31	0	0	20.833	0
KUDANKULAM - 400KV	415	01:59	401	10:51	0	0	0	0
SHANKARAPALLY - 400KV	412	00:00	400	12:23	0	0	0	0
SOMANAHALLI - 400KV	422	01:55	392	10:56	0	0	11.875	0
SRIPERUMBADUR - 400KV	411	01:55	391	11:02	0	0	0	0
TRICHY - 400KV	416	19:33	394	10:03	0	0	0	0
TRIVANDRUM - 400KV	422	01:58	405	10:55	0	0	10.139	0
VIJAYAWADA - 400KV	414	17:33	383	12:12	0	1.806	0	0

6.1 Voltage Profile: 220kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	N/A	N/A	N/A	N/A

6.2 Voltage Profile: 765kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 720	< 750	> 780	> 800
KURNOOL - 765KV	787	00:07	745	06:28	0	2.01	21.04	0
NIZAMABAD - 765KV	806	00:00	753	06:26	0	0	83.82	22.08
RAICHUR_PG - 765KV	792	00:00	751	06:28	0	0	38.26	0
SRIKAKULAM - 765KV	795	19:36	743	06:29	0	2.22	56.18	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	1,135	0	1,284	9.12	10.17	67.51	64.66
IDUKKI	694.94	732.43	2,148	726.2	1,679	723.39	1,473	9.52	10.52	86.95	67.53
JALAPUT	818.39	838.4	534	837.64	506	837.74	511	3.11	2.31	20.19	16.16
N.SAGAR	155.45	179.9	1,398	179.65	982	179.5	974	69.36	19.77	221.5	138.33
SRISAILAM	243.84	270.7	1,392	269.53	1,005	269.38	990	68.44	32.39	456.2	227.06
SUPA	495	564	3,159	560.24	2,818	562.25	2,997	8.83	15.8	91.88	100.74
LINGANAMAKKI	522.73	554.5	4,557	554.07	4,437	554.03	4,427	30.75	17.57	242.44	129.38
KAKKI	908.3	981.45	916	976.2	720	969.22	530	3.75	5.86	43.55	40.49
TOTAL	-	-	15,608	-	13,282	-	13,186	202.88	120.82	1,230.22	827.32

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	-191.47	-9.11	450.62	0	214.16	0	0	0	0	0	0	0	0
KARNATAKA	-630.93	-115.96	17.9	0	-35.36	0	0	0	0	0	0	0	0
KERALA	-246	0	-10.6	0	406.15	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	0	0	-35	0	0	0	0	0	0	0	0
TAMILNADU	-25	38.69	831.19	0	56.88	0	0	0	0	0	0	0	0
TELANGANA	-22.86	4.34	2,287.33	0	1,200.12	0	0	0	0	0	0	0	0
TOTAL	-1,116.26	-82.04	3,576.44	0	1,806.95	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	-202.62	-6.6	309.55	0	401.03	0	0	0	38.14	0	0	0	0
KARNATAKA	-630.93	-36.38	-175.55	0	29.39	0	0	0	95.38	0	0	0	38.69
KERALA	-96	0	-60.1	0	280.27	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	0	0	10.27	0	0	0	0	0	0	0	0
TAMILNADU	3,474.74	0	-29.75	0	302.78	0	0	0	0	0	0	0	0
TELANGANA	-113.8	4.24	285.23	0	-15.5	0	0	0	0	0	0	0	0
TOTAL	2,431.39	-38.74	329.38	0	1,008.24	0	0	0	133.52	0	0	0	38.69

State	Day Energy (MU)						
	ISGS+GNA Schedule	T-GNA Bilateral	GDAM Schedule	DAM Schedule	HPDAM Schedule	RTM Schedule	Total (MU)
ANDHRA PRADESH	52.76	-4.1	0.85	9.37	0	5.75	64.63
KARNATAKA	67.18	-14.95	-2.67	1.76	0	1.41	52.73
KERALA	37.86	-2.96	0.36	-0.32	0	6.44	41.38
PONDICHERY	9.33	0.11	0	0	0	-0.19	9.25
TAMILNADU	151.59	22.97	1.88	5.43	0	9.8	191.67
TELANGANA	59.48	0.16	1.89	56.2	0	17.63	135.36
TOTAL	378.2	1.23	2.31	72.44	0	40.84	495.02

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	3,164.74	1,321.75	-123.15	-205.17	128.71	-9.11	0	0	0	0	989.15	113.9	0	0
KARNATAKA	4,305.27	1,409.96	-605.66	-630.93	-28.24	-141.25	0	-14.23	0	0	1190.94	-179.81	48.36	0
KERALA	2,320.33	1,219.63	-68.26	-246	37.92	0	0	0	0	0	46.18	-210.1	0	0
PONDICHERY	448.11	279	14.03	0	0	0	0	0	0	0	0	0	0	0
TAMILNADU	6,858.91	5,945.32	3,716.57	-25	166.77	0	0	0	0	0	2331.07	-876.35	0	0
TELANGANA	3,671.62	1,781.8	137.89	-113.8	229.73	4.04	0	0	0	0	4947.51	55.75	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	1,020.32	-22.7	38.14	0	0	0
KARNATAKA	0	0	0	0	0	0	0	0	659.25	-52.2	134.35	0	55.8	0
KERALA	0	0	0	0	0	0	0	0	489.95	19.98	0	0	0	0
PONDICHER ..	0	0	0	0	0	0	0	0	53.2	-52	0	0	0	0
TAMILNADU	0	0	0	0	0	0	0	0	2,059.49	-690.53	0	0	0	0
TELANGANA	0	0	0	0	0	0	0	0	2,215.89	-912.9	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 :

220KV/33KV Serentica_RI1PL_Koppal_W-ICT-1 and 220KV/33KV Serentica_RI1PL_Koppal_W-ICT-2 charged from HV side at 17:55 and 16:18Hrs respectively

11.Significant events (If any):

1. At 14:38Hrs 220kV Bus bar protection operated at 400/220kV Kalaburgi SS. 400/220kV ICT1&2 Tripped and 220kV Gulbarga,220kV shabad,220kV Humnabad, 220kV Halbarga, 220kV Sadem, 220kV Nimbarga stations became dead. 260MW Load loss, 60MW generation. ICT1&2 restored at 14:57 Hrs. 2. At 15:15Hrs while charging 220kV Kalaburgi-Nimbarga 2, the 400/220kV ICT1&2 tripped again. 260MW Load loss, 60MW generation. 3. AT 23:04 Hrs Yelahanka Bus 2 protection operated which resulted in tripping of 400 kV Yelahanka - Nelamangala, 400 kV Yelahanka - Tumkur - 2, 400 kV Yelahanka -Devanahalli and 400/220 kV ICT-2. No load loss. Bus 2 normalized at 01:29 Hrs. ICT-2 normalized at 01:47 hrs. 400 kV Yelahanka -Devanahalli normalized at 01:47 hrs.
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12.Constraints and instances of congestion in the transmission system

1) 400kV Somanahalli Mylasandra S/C line availed S/D on 03.08.2025/15:38Hrs for construction related works associated with the upcoming 400kV Dommasandra (New) substation, for a period of four months. Expected revival on 31.12.2025 2) KUDANKULAM U#1(1000 MW) shutdown taken from 01.08.2025 for refueling. The unit is expected to be synchronized back to the grid by September 25, 2025 3) 400KV-ALAMATHY-NCTPS_STAGE_II-1 & 400KV-NCTPS_STAGE_II-SUNGAVARACHATRAM-2 lines shutdown availed for providing of loop jumper between 400KV manali-sungavarchatram I feeder at loc 50.

13. Weather Condition:

NIL

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	2.3	800	0	0	0	0	0	
KERALA	0.138	137.5	137.5	0	0	0	0	
TAMILNADU	0	0	0	0	0	0	0	
PONDICHERY	0.2	70	30	0	0	0	0	
TELANGANA	0	0	0	0	0	0	0	

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

State	Frequency and Deviation				Voltage				ICT loading			
	Alert	Emergency	Extreme Emergency	Non Compliance	Alert	Emergency	Extreme Emergency	Non Compliance	Alert	Emergency	Extreme Emergency	Non Compliance
ANDHRA PRADESH	0	1	0	0	7	3	0	0	1	0	0	0
KARNATAKA	0	4	2	0	11	10	0	0	2	4	0	0
KERALA	0	0	0	0	0	0	0	0	0	0	0	0
TAMILNADU	1	4	1	0	7	1	0	0	1	4	0	0
PONDICHERRY	0	0	0	0	0	0	0	0	0	0	0	0
TELANGANA	0	1	0	0	10	16	0	0	0	0	0	0
REMARKS:												

Shift In Charge