

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 #
50,100	0	50,100	50.09	41,420	0	41,420	49.95	1,181.49	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	92.5	26.14	0	12.5	8.52	2.75	74.87	76.37	1.5	217.28	218.78	0
KARNATAKA	72.34	59.51	6.36	17.63	23.39	12.46	66.24	67.04	0.8	257.93	258.73	0
KERALA	0	35.89	0	0.43	1.27	0.28	49.59	49.47	-0.12	87.46	87.35	0
PONDICHERRY	0	0	0.58	0	0.06	0	9.57	9.45	-0.12	10.22	10.1	0
TAMILNADU	62.7	22.96	1.7	36.02	49.4	5.91	196.76	197.49	0.73	375.46	376.19	0
TELANGANA	110.27	45.25	0	0.38	8.83	5.2	60.29	60.41	0.12	230.22	230.34	0
Region	337.81	189.75	8.64	66.96	91.47	26.6	457.32	460.23	2.91	1,178.57	1,181.49	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	9,234	0	9,234	8,496	0	8,496	9,127	236	-17.22
KARNATAKA	10,189	0	10,189	7,458	0	7,458	10,827	256.32	2.41
KERALA	4,376	0	4,376	3,266	0	3,266	2,875	89.41	-2.06
PONDICHERRY	471	0	471	358	0	358	401	10.4	-0.3
TAMILNADU	16,818	0	16,818	13,583	0	13,583	16,132	393	-16.81
TELANGANA	9,012	0	9,012	8,259	0	8,259	9,847	243	-12.66
Region	50,100	0	50,100	41,420	0	41,420	49,209	1,228.13	-46.64

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	9,989	11:56	0	9,989	9,989	11:56	0	9,989	709.7	02:00	-823.84	06:29
KAR	13,847	10:00	-	13,847	13,847	10:00	-	13,847	582.19	09:01	-617.53	19:18
KER	4,404	18:30	0	4,404	4,404	18:30	0	4,404	538.28	08:03	-463.35	17:13
PONDY	476	22:15	0	476	476	22:15	0	476	51.25	23:29	-34.09	18:00
TN	17,728	19:00	-	17,728	17,728	19:00	-	17,728	628.71	00:00	-1,247.02	14:36
TG	12,054	07:28	0	12,054	12,054	07:28	0	12,054	812.45	01:32	-782.94	16:18
Region	54,080	09:39:29	0	54,080	54,080	09:39:29	0	54,080	2,140.36	22:01	-1,773.92	19:10

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	492	468	517	23:30	305	09:33	11.42	10.71	446
KRISHNAPATTANAM (3 * 800)	2,400	702	919	954	05:52	371	16:56	19.04	17.54	731
RAYALASEEMA TPP(1 * 600 + 5 * 210)	1,650	806	786	819	19:55	584	09:40	20.13	17.73	739
SEIL P2 UNIT-2(1 * 660)	660	625	626	631	16:04	516	09:28	15.78	14.99	625
VIJAYAWADA TPS(1 * 800 + 1 * 500 + 6 * 210)	2,560	1,336	1,276	1,451	23:54	1,158	15:01	34.82	31.53	1,314
OTHER THERMAL	0	0	0	0	00:00	0	-	-	-	-
Total THERMAL	8,310	3,961	4,075	-	-	-	-	101.19	92.5	3,855
HAMPI	36	0	0	20	00:00	0	-	0.48	0.48	20
LOWER SILERU(4 * 115)	460	13	13	170	02:29	13	08:33	4.1	4.08	170
SRISAILAM RBPH(7 * 110)	770	637	632	639	23:16	548	17:12	15.28	15.24	635
UPPER SILERU(4 * 60)	240	164	0	165	18:56	3	09:04	1.37	1.37	57
OTHER HYDEL	431	465	192	465	00:00	0	-	4.99	4.97	207
Total HYDEL	1,937	1,279	837	-	-	-	-	26.22	26.14	1,089
GAUTAMI CCPP(1 * 174 + 2 * 145)	464	0	0	0	00:00	0	08:33	0	0	0
GMR (BARG)(1 * 237)	237	0	0	0	00:00	0	08:33	0	0	0
JEGURUPADU (GAS)(1 * 49.9 + 1 * 75.5 + 2 * 45.8)	217	0	0	0	00:00	0	08:33	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	08:33	0	0	0
LANCO (GAS)(1 * 121 + 2 * 115)	351	0	0	0	00:00	0	08:33	0	0	0
RELIANCE ENERGY LTD. (GAS)(1 * 140 + 1 * 80)	220	0	0	0	00:00	0	08:33	0	0	0
SPECTRUM (GAS)(1 * 46.8 + 1 * 68.8 + 2 * 46.1)	208	0	0	0	00:00	0	08:33	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	08:33	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	398	842	1,108	04:09	290	16:34	12.5	12.5	521
SOLAR	3,356	0	0	1,332	14:41	0	06:00	8.52	8.52	355
OTHERS	619	90	95	115	02:28	82	08:33	2.75	2.75	115
Total AP	21,342	5,728	5,849	-	-	-	-	151.18	142.41	5,935

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	838	576	856	23:32	543	13:03	16.56	14.74	614
KAKATIYA ST1&ST2(1 * 500 + 1 * 600)	1,100	1,007	619	1,055	00:26	584	12:49	21.33	20.14	839
KOTHAGUEDEM TPS(1 * 500 + 1 * 800 + 2 * 250)	1,800	1,548	1,014	1,643	23:06	964	09:10	30.67	28.61	1,192
RAMAGUNDAM-B(1 * 62.5)	63	0	0	0	00:00	0	08:32	0	0	0
SINGARENI TPS(2 * 600)	1,200	1,140	1,158	1,183	22:02	672	14:49	22.52	21.14	881
YADADRI(2 * 800)	1,600	1,446	904	1,549	20:50	875	12:15	27.55	25.64	1,068
Total THERMAL	6,843	5,979	4,271					118.63	110.27	4,594
NAGARJUNA SAGAR(1 * 110 + 7 * 100.8)	816	801	767	836	08:19	775	17:05	19.71	19.64	818
NAGARJUNA SAGAR (PUMP)(1 * 110 + 7 * 100.8)	816	0	0	0	00:00	0	-	0	0	0
SRISAILAM LBPH(6 * 150)	900	707	703	710	23:32	701	09:00	16.88	16.85	702
SRISAILAM LBPH(PUMP)(6 * 150)	900	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	957	354	367	367	00:00	0	08:33	8.81	8.76	365
Total HYDEL	2,673	1,862	1,837					45.4	45.25	1,885
WIND	128	0	0	16	00:00	0	-	0.38	0.38	16
SOLAR	3,818	0	0	1,488	13:03	12	06:10	8.83	8.83	368
OTHERS	252	0	0	217	00:00	0	-	5.2	5.2	217
Total TG	13,714	7,841	6,108					178.44	169.93	7,080

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	719	643	803	15:42	357	17:18	17.88	16.71	696
JINDAL(2 * 130 + 4 * 300)	1,460	0	0	172	16:54	0	-	24.25	22.33	1
JINDAL (EXCL. CAPTIVE CONSUMPTION)(2 * 130 + 4 * 300)	1,460	0	48	172	16:54	0	06:00	0.02	0.02	1
RAICHUR TPS(1 * 250 + 7 * 210)	1,720	813	747	942	05:41	751	16:35	21.95	19.5	813
UPCL(2 * 600)	1,200	1,118	617	1,127	23:33	983	11:47	25.1	23.71	988
YERAMARAS TPS(2 * 800)	1,600	511	425	582	07:26	523	17:09	13.41	12.4	517
Total THERMAL	7,680	3,161	2,480	-	-	-	-	78.36	72.34	2,086
NAGJHERI(1 * 135 + 5 * 150)	885	705	492	709	07:38	438	09:59	14.13	14	583
SHARAVATHI(10 * 103.5)	1,035	876	857	896	19:07	448	15:34	19.84	19.72	822
VARAHI UGPH(4 * 115)	460	442	297	467	19:10	43	06:03	6.34	6.23	260
OTHER HYDEL	2,137	1,380	896	1,380	01:50	635	06:00	19.56	19.56	815
Total HYDEL	4,517	3,403	2,542	-	-	-	-	59.87	59.51	2,480
OTHER GAS/NAPTHA/DIESEL	126	0	0	265	00:00	1	08:33	6.36	6.36	265
Total GAS/NAPTHA/DIESEL	126	0	0	-	-	-	-	6.36	6.36	265
WIND	5,440	672	951	1,024	00:04	572	17:32	17.63	17.63	735
SOLAR	6,571	0	0	3,374	12:58	0	06:00	23.39	23.39	975
OTHERS	1,832	82	80	1,494	07:05	61	17:48	12.46	12.46	1,494
Total KAR	26,166	7,318	6,053	-	-	-	-	198.07	191.69	8,035

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	611	335	643	23:06	51	08:54	10.62	10.59	441
LOWER PERIYAR (3 * 60)	180	164	134	164	18:58	45	15:47	2.64	2.63	110
SABARIGIRI(2 * 60 + 4 * 55)	340	222	228	230	13:40	213	17:03	5.45	5.44	227
OTHER HYDEL	834	709	642	718	02:29	359	06:19	17.24	17.24	718
Total HYDEL	2,134	1,706	1,339	-	-	-	-	35.95	35.9	1,496
BRAHMAPURAM DGPP (DIESEL)(3 * 21.32)	64	0	0	0	00:00	4	14:08	0	0	0
BSES (NAPTHA)(1 * 35.5 + 3 * 40.5)	157	0	0	0	00:00	0	08:33	-	-	-
KOZHICODE DPP (DIESEL)(6 * 16)	96	0	0	0	00:00	0	08:33	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	07:26	0	0	0
OTHER GAS/NAPTHA/DIESEL	22	0	0	0	00:00	0	08:33	-	-	-
Total GAS/NAPTHA/DIESEL	709	0	0	-	-	-	-	0	0	0
WIND	70	0	0	18	00:00	0	-	0.43	0.43	18
SOLAR	1,988	0	0	53	00:00	0	-	1.27	1.27	53
OTHERS	20	0	0	12	00:00	0	-	0.28	0.28	12
Total KER	4,921	1,706	1,339	-	-	-	-	37.93	37.88	1,579

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	917	932	976	20:43	786	12:41	21.58	19.66	819
NCTPS STG3(Infirm - 800 MW)	0	0	0	0	00:00	0	-	0	0	0
NORTH CHENNAI TPS STG-II(2 * 600)	1,200	344	329	375	19:15	292	11:30	9.01	8	333
NORTH CHENNAI TPS(3 * 210)	630	268	237	281	19:07	224	10:39	7.01	6.09	254
OPG PGPL	414	0	0	237	00:00	0	-	6.28	5.7	238
SEPC(1 * 525)	525	482	495	510	23:30	246	13:25	11.3	10.77	449
ST - CMS(1 * 250)	250	249	248	253	16:31	167	09:20	5.52	5.08	212
TUTICORIN(5 * 210)	1,050	317	324	327	07:14	290	13:05	8.24	7.41	309
Total THERMAL	5,509	2,577	2,565					68.94	62.71	2,614
KADAMPARAI (4 * 100)	400	97	0	100	18:23	4	11:22	0.66	0.66	28
KADAMPARAI (PUMP)(4 * 100)	400	0	0	13	00:00	0	-	0.32	0.32	13
OTHER HYDEL	1,826	1,322	769	1,322	05:18	76	07:47	22.51	22.31	930
Total HYDEL	2,226	1,419	769					23.49	22.97	958
BASIN BRIDGE (NAPTHA)(4 * 30)	120	0	0	0	00:00	0	10:08	0	0	0
KOVIL KALAPPAL (GAS)(1 * 37.8 + 1 * 70)	108	0	0	0	00:00	0	06:00	0	0	0
KUTTALAM (GAS)(1 * 37 + 1 * 64)	101	0	0	0	00:00	0	06:15	0	0	0
MADURAI POWER CL (DIESEL)(1 * 106)	106	0	0	0	00:00	0	08:33	0	0	0
P P NALLUR (NAPTHA)(1 * 330.5)	331	0	0	0	00:00	0	08:33	0	0	0
SAMALPATTY (DIESEL)(7 * 15.1)	106	0	0	0	00:00	0	08:33	0	0	0
VALATTUR(STG1&STG2)(1 * 32 + 1 * 35 + 2 * 60)	187	32	37	71	11:57	36	17:57	1.82	1.7	71
OTHER GAS/NAPTHA/DIESEL	196	0	0	0	00:00	0	-	0	0	0
OTHER GAS/NAPTHA/DIESEL	166	0	0	0	00:00	0	06:00	0	0	0
Total GAS/NAPTHA/DIESEL	1,421	32	37					1.82	1.7	71
WIND	9,392	1,979	1,349	2,955	23:59	856	06:09	36.02	36.02	1,501
SOLAR	9,555	0	0	7,051	12:10	13	06:08	49.4	49.4	2,058
OTHERS	2,029	556	485	556	02:28	450	08:33	5.91	5.91	246
Total TN	30,132	6,563	5,205					185.58	178.71	7,448

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	1,495	943	1,573	13:01	337	12:26	24.39	22.88	953
NEYVELI TS I EXPN (2 * 210)	420	148	168	173	03:34	130	10:26	3.66	3.45	144
NEYVELI TS II(7 * 210)	1,470	534	535	570	10:41	468	16:14	15.5	12.19	508
NEYVELI TS II EXPN (2 * 250)	500	328	229	353	23:59	0	16:28	7.53	6.24	260
NNTPS(2 * 500)	1,000	455	472	477	06:17	288	11:27	10.76	9.03	376
NTPC-TELANGANA STPP(2*800)	1,600	1,402	852	1,402	20:00	0	-	28.51	26.47	1,103
RAMAGUNDAM(3 * 200 + 4 * 500)	2,600	1,911	1,137	1,933	06:30	1,024	12:47	36.24	33.38	1,391
SIMHADRI STAGE I(2 * 500)	1,000	451	536	855	01:50	254	16:13	12.2	11.22	468
SIMHADRI STAGE II(2 * 500)	1,000	895	671	952	07:10	2	16:26	18.58	17.24	718
TALCHER ST2(4 * 500)	2,000	1,414	1,414	1,414	08:33	1,414	08:33	30.87	28.9	1,204
Total THERMAL	13,990	9,033	6,957	-	-	-	-	188.24	171	7,125
KAIGA STG1(2 * 220)	440	192	195	199	12:03	188	09:20	5.29	4.78	199
KAIGA STG2(2 * 220)	440	426	426	436	17:05	418	09:50	11.4	10.46	436
KUDANKULAM(2 * 1000)	2,000	1,018	1,024	1,027	00:01	1,008	17:28	24.68	23.09	962
MAPS(2 * 220)	440	0	0	0	00:00	27	14:47	0	0	0
Total NUCLEAR	3,320	1,636	1,645	-	-	-	-	41.37	38.33	1,597
Total ISGS	17,310	10,669	8,602					229.61	209.33	8,722

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	906	559	954	19:21	491	12:31	16.22	14.26	594
VALLUR TPS(3 * 500)	1,500	1,357	909	1,404	06:38	750	08:56	25.81	23.86	994
Total THERMAL	2,500	2,263	1,468	-	-	-	-	42.03	38.12	1,588
Total JOINT_VENTURE	2,500	2,263	1,468					42.03	38.12	1,588

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	516	329	554	19:15	294	10:34	10.83	9.97	415
IL&FS(2 * 600)	1,200	558	543	564	18:24	300	10:30	12.55	11.69	487
JINDAL POWER LIMITED (SIMHAPURI UNIT)(4 * 150)	600	543	296	549	18:29	199	12:48	8.99	8.01	334
MEENAKSHI ENERGY LTD STAGE1(2 * 150)	300	0	0	0	00:00	55	12:11	0	0	0
MEENAKSHI ENERGY LTD STAGE2(2 * 350)	700	0	0	301	00:00	0	-	7.91	7.23	301
SEIL P1(2 * 660)	1,320	1,254	1,254	1,254	02:28	1,254	08:33	26.4	25.01	1,042
SEIL P2 UNIT-1(1 * 660)	660	624	626	630	18:58	315	13:17	14.23	13.47	561
Total THERMAL	5,980	3,495	3,048	-	-	-	-	80.91	75.38	3,140
LKPPL ST2(1 * 133 + 1 * 233)	366	336	178	337	00:00	175	17:15	5.25	5.08	212
LKPPL ST3(2 * 133 + 2 * 233)	732	0	0	0	00:00	0	-	0	0	0
Total GAS/NAPTHA/DIESEL	1,098	336	178	-	-	-	-	5.25	5.08	212
Total REGIONAL_IPP	7,078	3,831	3,226					86.16	80.46	3,352

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	27	44	62	01:42	9	17:48	0.63	0.63	26
GADAG_RSPPL_W	175	41	75	41	20:00	135	16:05	0.98	0.98	41
GADAG_VENA_W	133	55	69	55	20:00	0	-	1.1	1.1	46
GREEN INFRA(1 * 249.90)	250	4	12	153	16:55	0	07:30	0.75	0.75	31
HIRIYUR_OSTRO(1 *300.3)	300	0	0	0	00:00	0	08:35	0	0	0
HIRIYUR_ZREPL_W	66	15	23	60	20:00	0	-	1.45	1.45	60
JSW RENEW ENERGY TWO LTD	300	54	0	200	17:52	1	11:55	0.7	0.7	29
KARUR_JSWRENEW_W	162	49	122	50	20:00	0	-	1.19	1.19	50
KARUR_JSWRETWO_W	150	42	84	65	20:00	0	-	1.55	1.55	65
KOPPAL_AYANASIX_W	300	38	148	56	20:00	0	-	1.35	1.35	56
KOPPAL_KLEIO_W	101	0	0	25	00:00	0	-	0.59	0.59	25
KOPPAL_RENEWOJAS_W	319	0	118	183	13:42	11	17:46	1.68	1.68	70
KOPPAL_RENEWROSHNI_W	291	44	74	115	16:02	0	17:53	0.79	0.79	33
KURNOOL_AMGREEN_W	304	0	0	95	00:00	0	08:33	2.28	2.28	95
MYTRA(1 * 250)	250	5	13	96	17:28	0	06:05	0.48	0.48	20
ORANGE(1 * 200)	200	4	17	15,626	08:02	0	09:51	1.12	1.12	47
PGLR_SAUPL_W	53	0	0	0	00:00	0	-	0	0	0
PGLR_SREPL(1 * 300)	300	79	193	210	03:35	0	15:09	2.3	2.3	96
TUTICORINJSWRENEW(1 * 51.3)	540	50	23	50	20:00	0	-	0.66	0.66	28
VIVID SOLAIRE (BEETAM)(1 * 220)	220	0	31	133	17:11	1	09:52	0.83	0.83	35
Total RENEWABLE_WIND	4,469	507	1,046					20.43	20.43	853

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	247	12:19	1	06:04	1.08	1.08	90
ANP_ATHENA BIWADI(1 * 50)	50	0	0	39	11:45	0	06:00	0.18	0.18	15
ANP_ATHENA HISAR(1 * 50)	50	0	0	42	11:32	0	06:00	0.2	0.2	17
ANP_ATHENA KARNAL(1 * 50)	50	0	0	44	09:56	0	06:00	0.2	0.2	17
ANP_AYANA(1 * 250)	250	0	0	230	12:36	1	06:03	1.13	1.13	94
ANP_AZURE(1 * 50)	50	0	0	38	12:09	0	06:00	0.18	0.18	15
ANP_IGS1(1 * 50)	50	0	0	43	09:56	0	06:00	0.2	0.2	17
ANP_IGS2(1 * 50)	50	0	0	41	12:09	0	06:00	0.2	0.2	17
ANP_NTPC(5 * 50)	250	0	0	125	11:57	1	17:56	0.64	0.64	53
ANP_TATA(2 * 50)	100	0	0	68	11:42	0	06:00	0.32	0.32	27
SPRING ANG ITRA(1 * 250)	250	0	0	203	12:10	0	06:07	0.96	0.96	80
PAVAGADA										
PVG_ADYAH(6 * 50)	300	0	0	54	00:00	0	08:34	1.3	1.3	108
PVG_AMPLUS PAVAGADA(1 * 50)	50	0	0	39	10:04	1	06:00	0.22	0.22	18
PVG_AMPLUS TUMKUR(1 * 50)	50	0	0	38	09:58	1	06:00	0.22	0.22	18
PVG_AVAADA SOLAR(3 * 50)	150	0	0	106	10:27	1	06:00	0.59	0.59	49
PVG_AVAADA SOLARISE(3 * 50)	150	0	0	102	10:07	1	06:00	0.59	0.59	49
PVG_AZURE POWER EARTH (2 * 50)	100	0	0	65	14:20	1	06:00	0.34	0.34	28
PVG_FORTUM FIN SURYA(2 * 50)	100	0	0	51	10:13	1	06:01	0.29	0.29	24
PVG_IRCON_S	225	0	0	40	00:00	0	-	0.97	0.97	81
PVG_KREDL(1 * 50)	50	0	0	34	10:20	1	06:00	0.21	0.21	18
PVG_PARAMPUJYA(3 * 50)	150	0	0	92	09:58	1	06:01	0.53	0.53	44
PVG_RENEW TN2(1 * 50)	50	0	0	38	09:58	1	06:00	0.2	0.2	17
PVG_SBG ENERGY(4 * 50)	200	0	0	150	09:58	0	06:00	0.85	0.85	71
PVG_SPRING SOLAR INDIA(5 * 50)	250	0	0	193	14:17	1	06:00	1.01	1.01	84
PVG_TATA RENEWABLES(8 * 50)	400	0	0	262	10:23	1	06:00	1.48	1.48	123
PVG_YARROW(1 * 50)	50	0	0	33	10:37	1	06:00	0.22	0.22	18
OTHER										
GADAG_SERENTICA3_S	69	0	0	10	00:00	0	-	0.23	0.23	19
GADAG_VENA_S	31	0	0	6	00:00	0	-	0.14	0.14	12
GRT(1 * 150)	150	0	0	155	13:20	0	06:00	0.95	0.95	79
KOPPAL_KLEIO_S	105	0	0	11	00:00	0	-	0.26	0.26	22
KOPPAL_RENEWOJAS_S	81	0	0	9	00:00	0	08:33	0.21	0.21	18
KOPPAL_SRIIPL_S	188	2	0	17	20:00	0	-	0.41	0.41	34
KURNOOL_AMGREEN_S	599	0	0	0	00:00	0	-	0	0	0
NTPC ETTAYAPURAM SOLAR PLANT	230	0	0	250	11:51	0	06:06	1.55	1.55	129
RAMANGUNDAM (SOLAR)(1 * 100)	100	0	0	58	11:19	0	06:00	0.22	0.22	18
SIMHADRI (SOLAR)(1 * 25)	25	0	0	0	00:00	0	08:35	0	0	0
Total	5,253	2	0					18.28	18.28	1,523

Total ISGS IPP Thermal	22,470	14,791	11,473					311.18	284.5	
STATE THERMAL	28,342	15,678	13,391					367.12	337.82	
Total CPP Import										
Total ISGS & IPP Hydro										
HYDEL	13,487	9,669	7,324	-	-	-	-	191.29	189.77	
GAS/NAPTHA/DIESEL	6,826	368	215	-	-	-	-	13.97	13.72	
NUCLEAR	3,320	1,655	1,665	-	-	-	-	41.37	38.33	
WIND	23,583	3,555	4,189	-	-	-	-	87.39	87.39	
SOLAR	30,643	2	0	-	-	-	-	109.75	109.75	
OTHERS	4,752	728	660	-	-	-	-	26.6	26.6	

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	406	407	420	-	9.79	0	9.79
3	765KV-SRIKAKULAM-ANGUL	1,051	1,524	2,726	-	33.71	0	33.71
4	HVDC500KV-TALCHER-KOLAR_DC	1,284	988	1,286	-	25.3	0	25.3
Sub-Total EAST REGION		2,741	2,919	4,432	0	68.8	0	68.8
Import/Export between SOUTH REGION and WEST REGION								
1	220KV-AMBEWADI-PONDA	0	0	-	-	0	0	0
2	220KV-AMBEWADI-XELDEM	102	93	-	113	0	2.16	-2.16
3	220KV-CHIKKODI-MUDASANGI	0	0	0	-	-	-	-
4	220KV-CHIKKODI-TALANGADE	-	-	-	-	-	-	-
5	220KV-LOWER_SILERU-BARSUR	-	-	-	-	-	-	-
6	400KV-BHADRAVTAHI-RAMAGUNDAM	957	297	1,012	-	15.01	0	15.01
7	400KV-KUDGI_PG-KHOLAPUR_PG	1,102	1,149	-	1,387	0	24.42	-24.42
8	765KV-NIZAMABAD-WARDHA	206	493	2,232	-	13.58	0	13.58
9	765KV-RAICHUR_PG-SHOLAPUR	991	756	-	1,899	0	14.04	-14.04

10	765KV-WARANGAL(NEW)-WARORA	61	642	2,269	-	17.02	0	17.02
11	HVDC800KV-RAIGARH HVDC-PUGALUR HVDC	1,199	961	1,433	-	59.68	0	59.68
Sub-Total WEST REGION		4,618	4,391	6,946	3,399	105.29	40.62	64.67
TOTAL IR EXCHANGE		7,359	7,310	11,378	3,399	174.09	40.62	133.47

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	30.33	-3.79	0	0.45	0	0.24	7.06	39.895	32.835
SR-WR	26.1	10.87	0.92	7.13	0	37.09	100.59	64.67	-35.92
Total	56.43	7.08	0.92	7.58	0	37.33	107.65	104.565	-3.085

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	0	3.241	83.819	53.9	12.94

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

Maximum		Minimum		Average Frequency	Freq Variation Index	Standard Deviation	Freq. in 15 mnt blk	
Frequency	Time	Frequency	Time				Max.	Min.
50.162	17:02:20	49.847	10:51:00	50.001	0.022	0.047	50.08	49.88

6.Voltage Profile: 400kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 380	< 390	> 420	> 430
GHANAPUR - 400KV	424	01:59	407	07:09	0	0	25.972	0
GOOTY - 400KV	419	02:29	404	07:06	0	0	0	0
HIRIYUR - 400KV	426	03:01	403	09:49	0	0	29.236	0
KAIGA - 400KV	415	03:01	392	09:15	0	0	0	0
KOLAR_AC - 400KV	424	04:00	394	09:49	0	0	16.111	0
KUDANKULAM - 400KV	416	00:00	399	11:53	0	0	0	0
SHANKARAPALLY - 400KV	413	00:59	404	06:54	0	0	0	0
SOMANAHALLI - 400KV	420	03:01	392	09:53	0	0	0	0
SRIPERUMBADUR - 400KV	411	04:03	393	10:37	0	0	0	0
TRICHY - 400KV	415	15:02	397	09:32	0	0	0	0
TRIVANDRUM - 400KV	422	03:40	402	11:53	0	0	4.167	0
VIJAYAWADA - 400KV	416	00:51	397	07:16	0	0	0	0

6.1 Voltage Profile: 220kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 198	< 210	> 235	> 245
GHANAPUR - 220KV	236	02:16	224	07:16	0	0	20.903	0
GOOTY - 220KV	229	03:47	220	10:33	0	0	0	0
HIRIYUR - 220KV	227	00:00	213	10:45	0	0	0	0
KAIGA - 220KV	234	02:56	220	09:19	0	0	0	0
KOLAR_AC - 220KV	231	00:00	214	09:50	0	0	0	0
SOMANAHALLI - 220KV	227	03:01	208	09:55	0	6.944	0	0
SRIPERUMBADUR - 220KV	240	04:01	222	09:52	0	0	25.556	0
TRICHY - 220KV	232	00:00	222	10:29	0	0	0	0
TRIVANDRUM - 220KV	232	03:47	219	21:15	0	0	0	0
VIJAYAWADA - 220KV	231	02:43	226	06:34	0	0	0	0

6.2 Voltage Profile: 765kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 720	< 750	> 780	> 800
KURNOOL - 765KV	784	02:09	756	07:15	0	0	17.29	0
NIZAMABAD - 765KV	800	02:00	769	07:10	0	0	93.4	11.46
RAICHUR_PG - 765KV	789	02:30	760	07:13	0	0	44.17	0
SRIKAKULAM - 765KV	798	13:02	763	07:20	0	0	87.71	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	1,471	0	1,293	3.34	7.85	96.85	99.14
IDUKKI	694.94	732.43	2,148	726.05	1,666	723.75	1,499	7.14	10.12	106.44	109.71
JALAPUT	818.39	838.4	534	837.64	506	837.27	487	0	0.3	25.63	19.62
N.SAGAR	155.45	179.9	1,398	179.77	988,779	179.71	985	32.38	19.77	362.75	217.25
SRISAILAM	243.84	270.7	1,392	269.14	965	269.57	1,008	60.85	32.12	626.6	355.77
SUPA	495	564	3,159	560.13	2,808	562.83	3,050	5.56	13.42	115.04	156.07
LINGANAMAKKI	522.73	554.5	4,557	553.97	4,407	554.16	4,467	12.59	18.6	303.15	206.16
KAKKI	908.3	981.45	916	976.08	716	970.09	554	3.46	5.43	54.7	62.43
TOTAL	-	-	15,608	-	1,001,318	-	13,343	125.32	112.18	1,691.16	1,285.98

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	-209.56	-6.9	321.59	0	918.03	0	0	0	0	0	0	0	0
KARNATAKA	-632.77	-114.26	30.57	0	-39.86	0	0	0	0	0	0	0	0
KERALA	-246	0	-10.4	0	386.92	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	0	0	-10	0	0	0	0	0	0	0	0
TAMILNADU	1,725.35	0	165.57	0	20.93	0	0	0	0	0	0	0	0
TELANGANA	-28.12	-0.4	-23.81	0	-903.9	0	0	0	0	0	0	0	0
TOTAL	608.9	-121.56	483.52	0	372.12	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	-61.78	-6.4	262.18	0	854.4	0	0	0	0	0	0	0	0
KARNATAKA	-787.87	-80.01	23.66	0	388.56	0	0	0	96.73	0	145.1	0	44.2
KERALA	-96	0	49.92	0	216.02	0	0	0	0	0	0	0	0
PONDICHER ..	0	0.16	1.33	0	8.7	0	0	0	0	0	0	0	0
TAMILNADU	3,359.17	0	184.72	0	575.43	0	0	0	0	0	0	0	0
TELANGANA	-114.38	-0.6	-1,373.81	0	-656.9	0	0	0	0	0	0	0	0
TOTAL	2,299.14	-86.85	-852	0	1,386.21	0	0	0	96.73	0	145.1	0	44.2

State	Day Energy (MU)						
	ISGS+GNA Schedule	T-GNA Bilateral	GDAM Schedule	DAM Schedule	HPDAM Schedule	RTM Schedule	Total (MU)
ANDHRA PRADESH	52.13	-3.48	0.3	9.68	0	16.24	74.87
KARNATAKA	73.91	-14.87	-2.18	6.53	0	2.85	66.24
KERALA	45.73	-2.95	0.27	0.98	0	5.56	49.59
PONDICHERY	9.22	0.11	0.04	0.04	0	0.16	9.57
TAMILNADU	143.3	37.64	1.31	6.55	0	7.96	196.76
TELANGANA	73.76	0	1.16	-15.39	0	0.76	60.29
TOTAL	398.05	16.45	0.9	8.39	0	33.53	457.32

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	2,622.09	1,803.19	-54.56	-212.47	134.03	-7.21	0	0	0	0	603.67	186.7	0	0
KARNATAKA	4,461.16	2,202.19	-433.52	-787.87	12.51	-139.15	0	-11.03	0	0	1189.78	-138.62	0	0
KERALA	2,492.68	1,627.43	-66.33	-246	35.5	0	0	0	0	0	459.36	-10.4	0	0
PONDICHERY	468.45	277.78	14.03	0	38.69	0	0	0	0	0	15.28	0	0	0
TAMILNADU	6,738.11	4,014.78	4,555.58	-24.03	194.81	0	0	0	0	0	1031.88	-39.98	0	0
TELANGANA	3,949	2,241.23	137.31	-116.18	228.83	-0.7	0	0	0	0	559.09	-2958.81	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	1,281.47	95.95	103.65	0	0	0
KARNATAKA	145.1	0	0	0	0	0	0	0	619.88	-43.6	149.49	0	48.36	0
KERALA	0	0	0	0	0	0	0	0	697.45	-1.3	0	0	0	0
PONDICHER ..	0	0	0	0	0	0	0	0	66.74	-27	0	0	0	0
TAMILNADU	0	0	0	0	0	0	0	0	2,090.34	-945.46	0	0	0	0
TELANGANA	0	0	0	0	0	0	0	0	1,543.18	-1,524.5	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 :

11.Significant events (If any):

Nil

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.
4) 400KV-CUDDAPAH-CHITTOOR-1 availed S/D on 09.09.2025/09:29Hrs for NHAI line diversion works

13. Weather Condition:

Andhra Pradesh: Light rains reported in Prakasam, Nellore, Cudappah, Kurnool, Konaseema and West Godavari districts.
Telangana: Light to Moderate rains reported in entire state.
Karnataka: Light rains reported in Raichur, Gulbarga, Bijapur, Bagalkot, Gadag, Koppal, Dharwad, Bellary and Haveri districts.

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	
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

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	1	0	0	0	0	0	0	0	0	0	0	0
KARNATAKA	0	0	0	0	0	0	0	0	0	0	0	0
KERALA	0	0	0	0	0	0	0	0	0	0	0	0
TAMILNADU	0	0	0	0	0	0	0	0	2	0	0	0
PONDICHERRY	0	0	0	0	0	0	0	0	0	0	0	0
TELANGANA	0	0	0	0	0	0	0	0	0	0	0	0

REMARKS:

Shift In Charge