

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 #
49,338	0	49,338	50.08	40,404	0	40,404	50	1,158.23	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	104.51	25.72	0	40.77	12.71	2.63	27.22	25.06	-2.16	213.56	211.41	0
KARNATAKA	41.48	59.66	0	51.57	30.63	15.37	23.35	21.62	-1.73	222.06	220.33	0
KERALA	0	37.24	0	0.68	1.06	0.27	43.91	44.09	0.18	83.15	83.33	0
PONDICHERRY	0	0	0.59	0	0.03	0	9.64	9.46	-0.18	10.26	10.08	0
TAMILNADU	65.92	24.79	1.7	114.67	45.2	4.84	132.18	129.34	-2.84	389.3	386.45	0
TELANGANA	71.95	47.58	0	1.14	13.22	4.27	108.32	108.48	0.16	246.48	246.63	0
Region	283.86	194.99	2.29	208.83	102.85	27.38	344.62	338.05	-6.57	1,164.81	1,158.23	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	9,428	0	9,428	7,920	0	7,920	8,865	216	-4.59
KARNATAKA	9,269	0	9,269	6,316	0	6,316	9,114	223.26	-2.93
KERALA	3,985	0	3,985	2,949	0	2,949	3,340	85.24	-1.91
PONDICHERRY	436	0	436	379	0	379	400	10.2	-0.12
TAMILNADU	16,610	0	16,610	13,992	0	13,992	16,601	394	-7.55
TELANGANA	9,610	0	9,610	8,848	0	8,848	10,606	233	13.63
Region	49,338	0	49,338	40,404	0	40,404	48,926	1,161.7	-3.47

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	9,592	12:01	0	9,592	9,592	12:01	0	9,592	744.65	04:01	-741.75	04:47
KAR	11,367	10:00	0	11,367	11,367	10:00	0	11,367	713.02	13:41	-573.25	06:31
KER	4,060	18:30	0	4,060	4,060	18:30	0	4,060	369.41	07:01	-389.52	13:01
PONDY	453	22:00	0	453	453	22:00	0	453	370.92	17:40	-48.23	05:38
TN	17,796	17:00	0	17,796	17,796	17:00	0	17,796	3,785.35	17:40	-1,044.49	09:53
TG	12,610	07:39	0	12,610	12,610	07:39	0	12,610	905.66	17:40	-589.25	14:54
Region	53,771	09:55:48	0	53,771	53,771	09:55:48	0	53,771	2,343.49	06:03	-1,858.63	11:38

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	484	311	493	22:37	301	08:27	8.64	7.91	330
KRISHNAPATTANAM (3 * 800)	2,400	1,663	1,230	1,725	07:36	1,154	06:14	35.17	33.05	1,377
RAYALASEEMA TPP(1 * 600 + 5 * 210)	1,650	967	864	1,017	19:36	763	09:38	22.28	20.11	838
SEIL P2 UNIT-2(1 * 660)	660	624	572	633	07:29	330	09:57	12.14	11.44	477
VIJAYAWADA TPS(1 * 800 + 1 * 500 + 6 * 210)	2,560	1,667	1,209	1,753	21:36	887	12:06	35.29	32.01	1,334
OTHER THERMAL	0	0	0	0	00:00	0	-	-	-	-
Total THERMAL	8,310	5,405	4,186	-	-	-	-	113.52	104.52	4,356
HAMPI	36	0	0	21	00:00	0	-	0.49	0.49	20
LOWER SILERU(4 * 115)	460	13	13	161	06:33	13	06:33	3.87	3.86	161
SRISAILAM RBPH(7 * 110)	770	650	641	652	22:31	636	12:08	15.6	15.57	649
UPPER SILERU(4 * 60)	240	0	0	163	07:07	2	17:36	0.57	0.56	23
OTHER HYDEL	431	467	399	467	00:00	0	-	5.26	5.25	219
Total HYDEL	1,937	1,130	1,053	-	-	-	-	25.79	25.73	1,072
GAUTAMI CCPP(1 * 174 + 2 * 145)	464	0	0	0	00:00	0	06:33	0	0	0
GMR (BARG)(1 * 237)	237	0	0	0	00:00	0	06:33	0	0	0
JEGURUPADU (GAS)(1 * 49.9 + 1 * 75.5 + 2 * 45.8)	217	0	0	0	00:00	0	06:33	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	06:33	0	0	0
LANCO (GAS)(1 * 121 + 2 * 115)	351	0	0	0	00:00	0	06:33	0	0	0
RELIANCE ENERGY LTD. (GAS)(1 * 140 + 1 * 80)	220	0	0	0	00:00	0	06:33	0	0	0
SPECTRUM (GAS)(1 * 46.8 + 1 * 68.8 + 2 * 46.1)	208	0	0	0	00:00	0	06:33	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	06:33	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	1,711	2,372	2,641	02:14	1,087	17:59	40.77	40.77	1,699
SOLAR	3,356	0	0	1,889	11:49	2	06:01	12.71	12.71	530
OTHERS	619	94	95	109	06:33	83	06:33	2.63	2.63	110
Total AP	21,342	8,340	7,706	-	-	-	-	195.42	186.36	7,767

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	689	427	748	19:51	412	12:50	11.96	10.68	445
KAKATIYA ST1&ST2(1 * 500 + 1 * 600)	1,100	1,034	606	1,056	21:07	567	11:53	18.19	17.07	711
KOTHAGUEDEM TPS(1 * 500 + 1 * 800 + 2 * 250)	1,800	764	580	796	19:30	547	08:35	15.48	14.4	600
RAMAGUNDAM-B(1 * 62.5)	63	0	0	0	00:00	0	09:34	0	0	0
SINGARENI TPS(2 * 600)	1,200	1,182	682	1,211	21:14	667	08:17	19.66	18.32	763
YADADRI(2 * 800)	1,600	696	446	709	19:19	426	16:00	12.21	11.49	479
Total THERMAL	6,843	4,365	2,741					77.5	71.96	2,998
NAGARJUNA SAGAR(1 * 110 + 7 * 100.8)	816	795	813	837	17:53	685	12:51	19.69	19.63	818
NAGARJUNA SAGAR (PUMP)(1 * 110 + 7 * 100.8)	816	0	0	0	00:00	0	-	0	0	0
SRISAILAM LBPH(6 * 150)	900	723	719	725	23:49	679	12:52	17.3	17.27	720
SRISAILAM LBPH(PUMP)(6 * 150)	900	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	957	440	340	445	00:00	0	06:33	10.78	10.68	445
Total HYDEL	2,673	1,958	1,872					47.77	47.58	1,983
WIND	128	0	0	48	00:00	0	-	1.14	1.14	48
SOLAR	3,818	0	0	1,919	12:48	0	06:00	13.22	13.22	551
OTHERS	252	0	0	178	00:00	0	-	4.27	4.27	178
Total TG	13,714	6,323	4,613					143.9	138.17	5,758

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	402	265	459	09:14	254	15:21	8.56	7.74	323
JINDAL(2 * 130 + 4 * 300)	1,460	0	0	210	20:12	0	-	19.84	18.21	28
JINDAL (EXCL. CAPTIVE CONSUMPTION)(2 * 130 + 4 * 300)	1,460	120	0	210	20:12	0	08:36	0.67	0.67	28
RAICHUR TPS(1 * 250 + 7 * 210)	1,720	696	602	727	18:29	588	16:28	17.58	15.69	654
UPCL(2 * 600)	1,200	1,087	622	1,127	19:06	583	14:52	18.56	17.38	724
YERAMARAS TPS(2 * 800)	1,600	0	0	0	00:00	0	09:29	0	0	0
Total THERMAL	7,680	2,305	1,489	-	-	-	-	45.37	41.48	998
NAGJHERI(1 * 135 + 5 * 150)	885	564	284	713	17:41	0	12:05	10.24	10.1	421
SHARAVATHI(10 * 103.5)	1,035	840	737	865	10:38	243	13:03	18.21	18.07	753
VARAHI UGPH(4 * 115)	460	391	272	406	18:10	44	12:58	7.2	7.09	295
OTHER HYDEL	2,137	1,444	1,403	1,444	01:53	913	06:00	24.4	24.4	1,017
Total HYDEL	4,517	3,239	2,696	-	-	-	-	60.05	59.66	2,486
OTHER GAS/NAPTHA/DIESEL	126	0	0	0	00:00	1	06:33	0	0	0
Total GAS/NAPTHA/DIESEL	126	0	0	-	-	-	-	0	0	0
WIND	5,440	2,434	2,149	2,579	16:53	1,425	07:46	51.57	51.57	2,149
SOLAR	6,571	0	0	4,174	13:20	11	06:03	30.63	30.63	1,276
OTHERS	1,832	74	102	1,917	08:22	61	12:34	15.37	15.37	1,917
Total KAR	26,166	8,052	6,436	-	-	-	-	202.99	198.71	8,826

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	735	395	768	20:46	37	12:51	9.45	9.42	393
LOWER PERIYAR (3 * 60)	180	165	163	166	16:17	78	14:39	3.52	3.51	146
SABARIGIRI(2 * 60 + 4 * 55)	340	187	246	249	11:33	159	12:50	5.37	5.35	223
OTHER HYDEL	834	670	699	790	12:34	338	06:44	18.96	18.96	790
Total HYDEL	2,134	1,757	1,503	-	-	-	-	37.3	37.24	1,552
BRAHMAPURAM DGPP (DIESEL)(3 * 21.32)	64	0	0	0	00:00	4	13:01	0	0	0
BSES (NAPTHA)(1 * 35.5 + 3 * 40.5)	157	0	0	0	00:00	0	06:33	-	-	-
KOZHICODE DPP (DIESEL)(6 * 16)	96	0	0	0	00:00	0	06:33	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	0	06:05	0	0	0
OTHER GAS/NAPTHA/DIESEL	22	0	0	0	00:00	0	06:33	-	-	-
Total GAS/NAPTHA/DIESEL	709	0	0	-	-	-	-	0	0	0
WIND	70	0	0	28	00:00	0	-	0.68	0.68	28
SOLAR	1,988	0	0	44	00:00	0	-	1.06	1.06	44
OTHERS	20	0	0	11	00:00	0	-	0.27	0.27	11
Total KER	4,921	1,757	1,503	-	-	-	-	39.31	39.25	1,635

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	836	849	1,003	06:57	820	08:50	20.64	18.78	783
NCTPS STG3(Infirm - 800 MW)	0	0	0	0	00:00	0	-	0	0	0
NORTH CHENNAI TPS STG-II(2 * 600)	1,200	610	613	725	07:09	586	08:27	16.24	14.9	621
NORTH CHENNAI TPS(3 * 210)	630	242	242	267	21:19	200	15:09	6.74	5.83	243
OPG PGPL	414	0	0	222	00:00	0	-	5.88	5.32	222
SEPC(1 * 525)	525	260	405	509	06:42	243	14:33	8.7	8.18	341
ST - CMS(1 * 250)	250	212	213	251	06:23	165	14:59	4.59	4.21	175
TUTICORIN(5 * 210)	1,050	502	331	512	18:05	272	12:46	9.72	8.7	363
Total THERMAL	5,509	2,662	2,653					72.51	65.92	2,748
KADAMPARAI (4 * 100)	400	0	97	103	20:29	3	06:05	0.79	0.79	33
KADAMPARAI (PUMP)(4 * 100)	400	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	1,826	859	1,037	1,037	09:49	22	06:02	24.21	24	1,000
Total HYDEL	2,226	859	1,134					25	24.79	1,033
BASIN BRIDGE (NAPTHA)(4 * 30)	120	0	0	0	00:00	0	06:28	0	0	0
KOVIL KALAPPAL (GAS)(1 * 37.8 + 1 * 70)	108	0	0	0	00:00	0	06:01	0	0	0
KUTTALAM (GAS)(1 * 37 + 1 * 64)	101	0	0	0	00:00	0	13:11	0	0	0
MADURAI POWER CL (DIESEL)(1 * 106)	106	0	0	0	00:00	0	06:33	0	0	0
P P NALLUR (NAPTHA)(1 * 330.5)	331	0	0	0	00:00	0	06:33	0	0	0
SAMALPATTY (DIESEL)(7 * 15.1)	106	0	0	0	00:00	0	06:33	0	0	0
VALATTUR(STG1&STG2)(1 * 32 + 1 * 35 + 2 * 60)	187	29	37	71	13:49	0	13:11	1.83	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	29	37					1.83	1.7	71
WIND	9,392	5,531	3,571	5,936	15:40	4,112	06:07	114.67	114.67	4,778
SOLAR	9,555	0	0	6,410	11:39	11	06:00	45.2	45.2	1,883
OTHERS	2,029	535	455	535	06:33	420	06:33	4.84	4.84	202
Total TN	30,132	9,616	7,850					264.05	257.12	10,715

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	15:31	0	0	0
NEYVELI TS I EXPN (2 * 210)	420	153	147	169	03:57	0	17:39	3.47	3.28	137
NEYVELI TS II(7 * 210)	1,470	534	555	605	06:26	426	15:45	15.61	12.09	504
NEYVELI TS II EXPN (2 * 250)	500	0	145	207	06:28	0	17:39	4.66	3.72	155
NNTPS(2 * 500)	1,000	814	668	938	17:24	51	17:56	18.56	16.45	685
NTPC-TELANGANA STPP(2*800)	1,600	713	430	713	20:00	0	-	13.21	11.92	497
RAMAGUNDAM(3 * 200 + 4 * 500)	2,600	448	334	620	21:02	69	17:41	11.05	9.69	404
SIMHADRI STAGE I(2 * 500)	1,000	275	291	454	06:48	0	17:39	7.39	6.52	272
SIMHADRI STAGE II(2 * 500)	1,000	282	281	483	23:07	0	17:39	8.38	7.48	312
TALCHER ST2(4 * 500)	2,000	1,339	1,327	1,375	19:18	438	17:39	30.22	28.68	1,195
Total THERMAL	13,990	4,558	4,178	-	-	-	-	112.55	99.83	4,161
KAIGA STG1(2 * 220)	440	198	196	201	09:03	188	10:49	5.33	4.82	201
KAIGA STG2(2 * 220)	440	428	427	439	13:01	415	17:58	11.46	10.53	439
KUDANKULAM(2 * 1000)	2,000	796	1,021	1,030	03:40	525	06:33	19.08	17.48	728
MAPS(2 * 220)	440	0	0	0	00:00	35	14:23	0	0	0
Total NUCLEAR	3,320	1,422	1,644	-	-	-	-	35.87	32.83	1,368
Total ISGS	17,310	5,980	5,822					148.42	132.66	5,529

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	888	544	944	21:08	365	09:58	14.6	13.68	570
VALLUR TPS(3 * 500)	1,500	1,336	872	1,394	21:18	0	17:39	23.04	21.13	880
Total THERMAL	2,500	2,224	1,416	-	-	-	-	37.64	34.81	1,450
Total JOINT_VENTURE	2,500	2,224	1,416					37.64	34.81	1,450

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	519	329	557	20:22	0	17:39	10.05	9.29	387
IL&FS(2 * 600)	1,200	562	544	580	20:24	294	11:49	11.9	11	458
JINDAL POWER LIMITED (SIMHAPURI UNIT)(4 * 150)	600	412	277	416	19:27	158	12:59	7.25	6.53	272
MEENAKSHI ENERGY LTD STAGE1(2 * 150)	300	150	100	212	21:52	50	17:55	5.66	5.1	213
MEENAKSHI ENERGY LTD STAGE2(2 * 350)	700	0	0	212	00:00	0	-	5.66	5.1	213
SEIL P1(2 * 660)	1,320	1,246	597	1,266	20:48	33	17:57	18.22	17.03	710
SEIL P2 UNIT-1(1 * 660)	660	628	314	634	18:12	0	17:39	12.62	11.97	499
Total THERMAL	5,980	3,517	2,161	-	-	-	-	71.36	66.02	2,752
LKPPL ST2(1 * 133 + 1 * 233)	366	179	184	342	18:38	177	13:55	4.61	4.45	185
LKPPL ST3(2 * 133 + 2 * 233)	732	0	0	0	00:00	0	-	0	0	0
Total GAS/NAPTHA/DIESEL	1,098	179	184	-	-	-	-	4.61	4.45	185
Total REGIONAL_IPP	7,078	3,696	2,345					75.97	70.47	2,937

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	54	67	74	01:09	24	08:51	1.25	1.25	52
GADAG_RSPL_W	175	190	149	157	20:00	208	17:33	3.77	3.77	157
GADAG_VENA_W	133	79	116	91	20:00	0	-	2.19	2.19	91
GREEN INFRA(1 * 249.90)	250	234	159	242	19:44	46	12:49	4.15	4.15	173
HIRIYUR_OSTRO(1 *300.3)	300	0	0	0	00:00	0	09:34	0	0	0
HIRIYUR_ZREPL_W	66	52	59	85	20:00	0	-	2.04	2.04	85
JSW RENEW ENERGY TWO LTD	300	240	72	256	19:49	14	12:50	2.59	2.59	108
KARUR_JSWRENEW_W	162	136	132	136	20:00	0	-	2.02	2.02	84
KARUR_JSWRETWO_W	150	84	84	132	20:00	0	-	3.16	3.16	132
KOPPAL_AYANASIX_W	300	187	212	187	20:00	0	-	4.38	4.38	183
KOPPAL_KLEIO_W	101	0	0	0	00:00	0	-	0	0	0
KOPPAL_RENEWOJAS_W	319	0	203	317	13:03	109	07:41	5.03	5.03	210
KOPPAL_RENEWROSHNI_W	291	184	113	253	16:50	0	17:39	3.68	3.68	153
KURNOOL_AMGREEN_W	304	0	0	202	00:00	0	06:33	4.84	4.84	202
MYTRA(1 * 250)	250	207	120	222	16:26	0	17:39	3.87	3.87	161
ORANGE(1 * 200)	200	179	123	185	16:18	0	07:05	2.96	2.96	123
PGLR_SAUPL_W	53	0	0	0	00:00	0	-	0	0	0
PGLR_SREPL(1 * 300)	300	244	247	265	15:40	205	07:30	5.88	5.88	245
TUTICORINJSWRENEW(1 * 51.3)	540	264	146	264	20:00	0	-	4.52	4.52	188
VIVID SOLAIRE (BEETAM)(1 * 220)	220	220	161	222	18:22	94	12:38	4.33	4.33	180
Total RENEWABLE_WIND	4,469	2,554	2,163					60.66	60.66	2,527

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	248	13:58	1	06:17	1.04	1.04	87
ANP_ATHENA BIWADI(1 * 50)	50	0	0	48	14:13	0	06:00	0.21	0.21	18
ANP_ATHENA HISAR(1 * 50)	50	0	0	49	14:32	0	06:01	0.22	0.22	18
ANP_ATHENA KARNAL(1 * 50)	50	0	0	49	12:11	0	06:00	0.22	0.22	18
ANP_AYANA(1 * 250)	250	0	0	256	14:08	1	06:01	0.99	0.99	83
ANP_AZURE(1 * 50)	50	0	0	46	14:15	0	06:21	0.19	0.19	16
ANP_IGS1(1 * 50)	50	0	0	48	13:38	0	06:01	0.22	0.22	18
ANP_IGS2(1 * 50)	50	0	0	51	13:47	0	06:00	0.22	0.22	18
ANP_NTPC(5 * 50)	250	0	0	131	12:54	1	06:00	0.6	0.6	50
ANP_TATA(2 * 50)	100	0	0	86	14:02	0	06:21	0.37	0.37	31
SPRING ANG ITRA(1 * 250)	250	0	0	172	15:34	0	06:32	0.61	0.61	51
PAVAGADA										
PVG_ADYAH(6 * 50)	300	0	0	65	00:00	0	06:32	1.57	1.57	131
PVG_AMPLUS PAVAGADA(1 * 50)	50	0	0	51	14:32	1	06:00	0.26	0.26	22
PVG_AMPLUS TUMKUR(1 * 50)	50	0	0	52	13:54	1	06:00	0.26	0.26	22
PVG_AVAADA SOLAR(3 * 50)	150	0	0	140	14:12	1	06:00	0.76	0.76	63
PVG_AVAADA SOLARISE(3 * 50)	150	0	0	145	14:14	1	06:00	0.76	0.76	63
PVG_AZURE POWER EARTH (2 * 50)	100	0	0	75	11:06	1	06:00	0.43	0.43	36
PVG_FORTUM FIN SURYA(2 * 50)	100	0	0	74	14:29	1	06:00	0.39	0.39	33
PVG_IRCON_S	225	0	0	57	00:00	0	-	1.37	1.37	114
PVG_KREDL(1 * 50)	50	0	0	45	14:12	1	06:00	0.26	0.26	22
PVG_PARAMPUJYA(3 * 50)	150	0	0	124	14:35	1	06:00	0.69	0.69	58
PVG_RENEW TN2(1 * 50)	50	0	0	49	11:08	1	06:00	0.28	0.28	23
PVG_SBG ENERGY(4 * 50)	200	0	0	195	11:09	0	06:00	1.12	1.12	93
PVG_SPRING SOLAR INDIA(5 * 50)	250	0	0	210	09:58	1	06:00	1.04	1.04	87
PVG_TATA RENEWABLES(8 * 50)	400	0	0	245	09:54	1	06:00	1.42	1.42	118
PVG_YARROW(1 * 50)	50	0	0	49	14:31	1	06:00	0.27	0.27	23
OTHER										
GADAG_SERENTICA3_S	69	0	0	0	00:00	0	-	0	0	0
GADAG_VENA_S	31	0	0	8	00:00	0	-	0.19	0.19	16
GRT(1 * 150)	150	0	0	153	11:32	0	06:00	1.06	1.06	88
KOPPAL_KLEIO_S	105	0	0	38	00:00	0	-	0.92	0.92	77
KOPPAL_RENEWOJAS_S	81	0	0	17	00:00	0	06:33	0.4	0.4	33
KOPPAL_SRIIPL_S	188	0	0	51	00:00	0	-	1.23	1.23	103
KURNOOL_AMGREEN_S	599	0	0	0	00:00	0	-	0	0	0
NTPC ETTAYAPURAM SOLAR PLANT	230	0	0	249	10:53	0	06:00	1.52	1.52	127
RAMANGUNDAM (SOLAR)(1 * 100)	100	0	0	84	11:57	0	06:00	0.35	0.35	29
SIMHADRI (SOLAR)(1 * 25)	25	0	0	0	00:00	0	15:37	0	0	0
Total	5,253	0	0					21.44	21.44	1,789

Total ISGS IPP Thermal	22,470	10,299	7,755					221.55	200.66	
STATE THERMAL	28,342	14,737	11,069					308.9	283.88	
Total CPP Import										
Total ISGS & IPP Hydro										
HYDEL	13,487	8,943	8,258	-	-	-	-	196.27	195	
GAS/NAPTHA/DIESEL	6,826	208	221	-	-	-	-	6.99	6.74	
NUCLEAR	3,320	1,448	1,667	-	-	-	-	35.87	32.82	
WIND	23,583	12,230	10,255	-	-	-	-	269.49	269.49	
SOLAR	30,643	0	0	-	-	-	-	124.29	124.29	
OTHERS	4,752	703	652	-	-	-	-	27.38	27.38	

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	500	506	528	-	11.73	0	11.73
3	765KV-SRIKAKULAM-ANGUL	1,157	1,127	2,587	-	29.66	0	29.66
4	HVDC500KV-TALCHER-KOLAR_DC	1,479	1,479	1,482	-	31.49	0	31.49
Sub-Total EAST REGION		3,136	3,112	4,597	0	72.88	0	72.88
Import/Export between SOUTH REGION and WEST REGION								
1	220KV-AMBEWADI-PONDA	0	0	-	-	0	0	0
2	220KV-AMBEWADI-XELDEM	102	77	-	109	0	2.11	-2.11
3	220KV-CHIKKODI-MUDASANGI	0	0	1	-	-	-	-
4	220KV-CHIKKODI-TALANGADE	-	-	-	-	-	-	-
5	220KV-LOWER_SILERU-BARSUR	-	-	-	-	-	-	-
6	400KV-BHADRAVTAHI-RAMAGUNDAM	139	287	520	-	0	7.94	-7.94
7	400KV-KUDGI_PG-KHOLAPUR_PG	1,514	1,319	-	1,842	0	32.98	-32.98
8	765KV-NIZAMABAD-WARDHA	113	467	2,478	-	17.42	0	17.42
9	765KV-RAICHUR_PG-SHOLAPUR	1,689	1,207	-	1,893	0	23.1	-23.1

10	765KV-WARANGAL(NEW)-WARORA	115	448	2,506	-	17.32	0	17.32
11	HVDC800KV-RAIGARH HVDC-PUGALUR HVDC	278	279	0	-	17.76	0	17.76
Sub-Total WEST REGION		3,950	4,084	5,505	3,844	52.5	66.13	-13.63
TOTAL IR EXCHANGE		7,086	7,196	10,102	3,844	125.38	66.13	59.25

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	-1.62	-4.48	0	0.02	0	0	-32.61	44.205	76.815
SR-WR	2.9	-11.54	2.68	12.76	0	51.94	64.65	-13.631	-78.281
Total	1.28	-16.02	2.68	12.78	0	51.94	32.04	30.574	-1.466

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	4.225	79.699	53.38	16.076

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

Maximum		Minimum		Average Frequency	Freq Variation Index	Standard Deviation	Freq. in 15 mnt blk	
Frequency	Time	Frequency	Time				Max.	Min.
50.408	12:50:10	49.756	17:52:00	50.003	0.035	0.059	50.25	49.83

6.Voltage Profile: 400kV

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

6.1 Voltage Profile: 220kV

	Maximum		Minimum		Voltage (in %)			
STATION	VOLTAGE	TIME	VOLTAGE	TIME	< 198	< 210	> 235	> 245
GHANAPUR - 220KV	237	01:32	225	07:38	0	0	16.736	0
GOOTY - 220KV	230	04:01	219	10:50	0	0	0	0
HIRIYUR - 220KV	229	03:00	214	09:58	0	0	0	0
KAIGA - 220KV	240	03:45	220	10:51	0	0	25.764	0
KOLAR_AC - 220KV	232	03:01	232	03:01	0	0	0	0
SOMANAHALLI - 220KV	225	02:59	207	09:10	0	18.403	0	0
SRIPERUMBADUR - 220KV	0	00:00	0	00:00	N/A	N/A	N/A	N/A
TRICHY - 220KV	230	02:42	218	09:11	0	0	0	0
TRIVANDRUM - 220KV	232	03:44	220	11:01	0	0	0	0
VIJAYAWADA - 220KV	232	01:58	226	09:16	0	0	0	0

6.2 Voltage Profile: 765kV

	Maximum		Minimum		Voltage (in %)			
STATION	VOLTAGE	TIME	VOLTAGE	TIME	< 720	< 750	> 780	> 800
KURNOOL - 765KV	793	03:58	0	17:40	0	0	26.32	0
NIZAMABAD - 765KV	806	00:15	0	17:40	0	0	87.08	22.64
RAICHUR_PG - 765KV	796	03:58	0	17:40	0	0	34.31	0
SRIKAKULAM - 765KV	791	04:02	0	20:24	0	0	68.06	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	1,496	0	1,273	6.99	5.6	19.73	11.73
IDUKKI	694.94	732.43	2,148	726.05	1,666	722.93	1,441	11.54	8.56	26.68	17.98
JALAPUT	818.39	838.4	534	837.59	503	837.21	484	2.31	2.31	6.23	4.62
N.SAGAR	155.45	179.9	1,398	178.55	924	178.67	933	24.56	19.74	27.95	39.37
SRISAILAM	243.84	270.7	1,392	268.96	946	269.35	986	93.57	32.34	104.38	65.18
SUPA	495	564	3,159	559.82	2,781	561.14	2,897	25.28	13.75	48.17	26.04
LINGANAMAKKI	522.73	554.5	4,557	554.07	4,437	554	4,417	84.68	19.11	122.42	37.18
KAKKI	908.3	981.45	916	976.29	724	968.46	512	4.79	5.87	9.46	11.22
TOTAL	-	-	15,608	-	13,477	-	12,943	253.72	113.96	365.02	226.55

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	-222.37	-11.97	109.66	0	-54.99	0	0	0	0	0	0	0	0
KARNATAKA	-630.93	-110.67	-11.42	0	-38.53	0	0	0	0	0	0	0	0
KERALA	-246	0	-10.2	0	240.52	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	0	0	-15	0	0	0	0	0	0	0	0
TAMILNADU	-25	125.09	148.39	0	-51.15	0	0	0	0	0	0	0	0
TELANGANA	-14.3	39.01	914.53	0	2,599.19	0	0	0	0	0	0	0	0
TOTAL	-1,138.6	41.46	1,150.96	0	2,680.04	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	-224	-9.1	-95.63	0	457.75	0	0	0	0	0	0	0	0
KARNATAKA	-630.93	-61.39	399.82	0	-36.17	0	0	0	0	0	0	0	0
KERALA	-96	1.93	64.97	0	408.98	0	0	0	0	0	0	0	0
PONDICHER ..	0	64.57	0	0	62.63	0	0	0	0	0	0	0	0
TAMILNADU	2,027.81	43.37	237.8	0	-867.8	0	0	0	0	0	0	0	0
TELANGANA	-114.13	-0.6	482.04	0	477.25	0	0	0	0	0	0	0	0
TOTAL	962.75	38.78	1,089	0	502.64	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	25.75	-4.67	0.6	2.64	0	2.9	27.22
KARNATAKA	38.1	-13.71	-2.75	2.83	0	-1.12	23.35
KERALA	37.13	-2.95	0.54	0.36	0	8.83	43.91
PONDICHERY	8.34	0.11	0.45	0	0	0.74	9.64
TAMILNADU	130.92	15.5	3.24	-8.75	0	-8.73	132.18
TELANGANA	45.47	0.32	1.83	17.07	0	43.63	108.32
TOTAL	285.71	-5.4	3.91	14.15	0	46.25	344.62

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	1,498.28	591.27	-137.79	-229.7	72.54	-13.47	0	0	0	0	219.15	-104.7	0	0
KARNATAKA	3,065.33	890.68	-423.15	-630.93	-21.89	-135.74	0	-13.2	0	0	960.95	-62.5	192.74	0
KERALA	1,998.09	1,159.83	-66.36	-246	54.83	0	0	0	0	0	73.93	-96.79	0	0
PONDICHERY	446.69	267.71	13.97	0	88.66	0	0	0	0	0	0	0	0	0
TAMILNADU	6,569.54	3,774.22	2,437.39	-25	224.73	43.37	0	0	0	0	1000.78	-1835.18	0	0
TELANGANA	2,863.63	504.56	138.04	-114.13	205.44	-0.6	0	0	0	0	2635.24	-475.81	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	582.93	-468.17	0	0	0	0
KARNATAKA	0	0	0	0	0	0	0	0	10.99	-360.02	0	0	0	0
KERALA	0	0	0	0	0	0	0	0	979.41	-0.4	0	0	0	0
PONDICHER ..	0	0	0	0	0	0	0	0	139.74	-41	0	0	0	0
TAMILNADU	0	0	0	0	0	0	0	0	98.43	-1,359.7	0	0	0	0
TELANGANA	0	0	0	0	0	0	0	0	3,175.01	-4.5	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):

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)Due to E/S/D of 400KV-BHADRAVATHI-RAMAGUNDAM-2, SR import and Export TTC/ATC curtailed by 750MW from 49 to 93 time block

13. Weather Condition:

Karnataka: Light rains reported in Bangalore, Coastal part of the state.
Telangana: Cloudy weather in Northern Telangana.
Andhra Pradesh: Light rains reported in Chittoor, Tirupati, Vishakhapatnam, East & West Godavari districts..
Tamilnadu: Light rains reported in Vellore, Tirupattur, Tiruvannamalai, Villupuram & Dharmapuri areas
Kerala: Light rains reported in the Northern & Central part of the state

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	
PONDICHERY	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	0	1	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	0	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