

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 #
46,404	0	46,404	49.99	45,606	0	45,606	49.99	1,177.26	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	115.73	23.42	0	20.88	14.68	2.87	62.38	61.95	-0.43	239.97	239.54	0
KARNATAKA	50.15	60.86	0	35.19	28.91	15.24	34.25	36.98	2.73	224.6	227.33	0
KERALA	0	38.97	0	0.73	1.57	0.3	31.27	31.93	0.66	72.83	73.49	0
PONDICHERRY	0	0	0.55	0	0.05	0	9.47	9.29	-0.18	10.07	9.89	0
TAMILNADU	64.66	27.9	1.71	67.23	46.9	4.43	138.31	137.18	-1.13	351.14	350	0
TELANGANA	67.97	50.08	0	0.87	20.15	4.73	133.23	133.2	-0.03	277.04	277.01	0
Region	298.51	201.23	2.26	124.9	112.26	27.57	408.91	410.53	1.62	1,175.65	1,177.26	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	9,554	0	9,554	9,126	0	9,126	10,065	232	7.54
KARNATAKA	8,682	0	8,682	7,477	0	7,477	9,485	223.68	3.65
KERALA	3,752	0	3,752	2,887	0	2,887	2,918	75.85	-2.36
PONDICHERRY	407	0	407	387	0	387	393	10	-0.11
TAMILNADU	14,819	0	14,819	14,549	0	14,549	15,104	370	-20
TELANGANA	9,190	0	9,190	11,180	0	11,180	11,904	275	2.01
Region	46,404	0	46,404	45,606	0	45,606	49,869	1,186.53	-9.27

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	11,800	12:21	0	11,800	11,800	12:21	0	11,800	1,266.98	22:10	-600.15	11:43
KAR	12,379	10:00	0	12,379	12,379	10:00	0	12,379	514.63	21:02	-866.22	09:46
KER	3,769	22:30	0	3,769	3,769	22:30	0	3,769	190.2	18:01	-379.12	14:31
PONDY	453	22:00	0	453	453	22:00	0	453	80.61	00:29	-63.59	02:03
TN	15,588	22:00	0	15,588	15,588	22:00	0	15,588	1,243.16	08:15	-561.05	13:29
TG	14,276	11:25	0	14,276	14,276	11:25	0	14,276	558.24	06:16	-632.84	13:27
Region	55,283	09:56:30	0	55,283	55,283	09:56:30	0	55,283	2,588.5	15:05	-2,476.17	19:16

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	457	515	517	02:52	296	10:58	10.91	10.2	425	
KRISHNAPATTANAM ( 3 * 800 )	2,400	1,499	1,458	1,509	17:59	1,391	10:42	37.33	35	1,458	
RAYALASEEMA TPP( 1 * 600 + 5 * 210 )	1,650	1,079	1,041	1,155	12:22	760	16:18	25.17	22.81	950	
SEIL P2 UNIT-2( 1 * 660 )	660	630	624	634	08:15	500	15:41	15.75	14.92	622	
VIJAYAWADA TPS( 1 * 800 + 1 * 500 + 6 * 210 )	2,560	1,410	1,411	1,537	13:59	1,198	07:30	36.18	32.81	1,367	
OTHER THERMAL	0	0	0	0	00:00	0	-	-	-	-	
Total THERMAL	8,310	5,075	5,049	-	-	-	-	125.34	115.74	4,822	
HAMPI	36	0	0	20	00:00	0	-	0.48	0.48	20	
LOWER SILERU( 4 * 115 )	460	13	13	106	04:24	13	07:26	2.55	2.54	106	
SRISAILAM RBPH( 7 * 110 )	770	636	636	641	11:15	627	16:20	15.34	15.3	638	
UPPER SILERU( 4 * 60 )	240	187	0	195	19:30	1	06:02	0.12	0.12	5	
OTHER HYDEL	431	461	185	461	00:00	0	-	5.01	4.99	208	
Total HYDEL	1,937	1,297	834	-	-	-	-	23.5	23.43	977	
GAUTAMI CCPP( 1 * 174 + 2 * 145 )	464	0	0	0	00:00	0	13:29	0	0	0	
GMR (BARG)( 1 * 237 )	237	0	0	0	00:00	0	13:29	0	0	0	
JEGURUPADU (GAS)( 1 * 49.9 + 1 * 75.5 + 2 * 45.8 )	217	0	0	0	00:00	0	13:29	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	07:26	0	0	0	
LANCO (GAS)( 1 * 121 + 2 * 115 )	351	0	0	0	00:00	0	07:26	0	0	0	
RELIANCE ENERGY LTD. (GAS)( 1 * 140 + 1 * 80 )	220	0	0	0	00:00	0	07:26	0	0	0	
SPECTRUM (GAS)( 1 * 46.8 + 1 * 68.8 + 2 * 46.1 )	208	0	0	0	00:00	0	07:26	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	07:26	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	682	1,294	1,510	00:18	651	07:41	20.88	20.88	870
SOLAR	3,356	0	0	2,140	11:07	2	06:03	14.68	14.68	612
OTHERS	619	102	92	120	04:24	87	06:49	2.87	2.87	120
Total AP	21,342	7,156	7,269	-	-	-	-	187.27	177.6	7,401

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	314	288	372	19:15	279	11:11	7.7	6.61	275
KAKATIYA ST1&ST2( 1 * 500 + 1 * 600 )	1,100	1,035	1,014	1,049	22:11	584	14:20	19.11	17.97	749
KOTHAGUEDEM TPS( 1 * 500 + 1 * 800 + 2 * 250 )	1,800	582	569	904	23:31	554	07:41	15.72	14.55	606
RAMAGUNDAM-B( 1 * 62.5 )	63	0	0	0	00:00	0	07:26	0	0	0
SINGARENI TPS( 2 * 600 )	1,200	978	732	1,214	23:10	668	07:13	19.54	18.26	761
YADADRI( 2 * 800 )	1,600	455	459	641	22:43	415	11:54	11.37	10.58	441
Total THERMAL	6,843	3,364	3,062					73.44	67.97	2,832
NAGARJUNA SAGAR( 1 * 110 + 7 * 100.8 )	816	823	813	842	11:38	774	14:50	19.83	19.77	824
NAGARJUNA SAGAR (PUMP)( 1 * 110 + 7 * 100.8 )	816	0	0	0	00:00	0	-	0	0	0
SRISAILAM LBPH( 6 * 150 )	900	711	711	713	05:08	704	14:49	17.12	17.09	712
SRISAILAM LBPH(PUMP)( 6 * 150 )	900	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	957	535	537	551	00:00	0	07:26	13.36	13.23	551
Total HYDEL	2,673	2,069	2,061					50.31	50.09	2,087
WIND	128	0	0	36	00:00	0	-	0.87	0.87	36
SOLAR	3,818	0	0	2,767	11:29	7	06:00	20.15	20.15	840
OTHERS	252	0	0	197	00:00	0	-	4.73	4.73	197
Total TG	13,714	5,433	5,123					149.5	143.81	5,992

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	785	753	843	22:49	525	16:31	17.8	16.66	694
JINDAL( 2 * 130 + 4 * 300 )	1,460	0	0	238	14:04	0	-	23.32	21.55	21
JINDAL (EXCL. CAPTIVE CONSUMPTION)( 2 * 130 + 4 * 300 )	1,460	115	149	238	14:04	0	06:07	0.5	0.5	21
RAICHUR TPS( 1 * 250 + 7 * 210 )	1,720	622	633	812	23:58	550	13:01	17.1	15.14	631
UPCL( 2 * 600 )	1,200	626	1,007	1,024	07:34	596	16:39	19.02	17.85	744
YERAMARAS TPS( 2 * 800 )	1,600	0	0	0	00:00	0	06:37	0	0	0
Total THERMAL	7,680	2,148	2,542	-	-	-	-	54.42	50.15	1,213
NAGJHERI( 1 * 135 + 5 * 150 )	885	668	438	706	00:21	194	16:39	13.46	13.3	554
SHARAVATHI( 10 * 103.5 )	1,035	749	759	769	19:02	214	16:29	17.69	17.57	732
VARAHI UGPH( 4 * 115 )	460	397	396	413	00:07	47	16:34	8.58	8.43	351
OTHER HYDEL	2,137	1,436	1,146	1,436	00:02	1,003	06:37	21.57	21.57	899
Total HYDEL	4,517	3,250	2,739	-	-	-	-	61.3	60.87	2,536
OTHER GAS/NAPTHA/DIESEL	126	0	0	0	00:00	1	07:26	0	0	0
Total GAS/NAPTHA/DIESEL	126	0	0	-	-	-	-	0	0	0
WIND	5,440	1,451	1,174	2,101	16:34	826	07:42	35.19	35.19	1,466
SOLAR	6,571	0	0	3,532	12:04	0	06:00	28.91	28.91	1,205
OTHERS	1,832	99	76	1,840	08:20	75	13:12	15.24	15.24	1,840
Total KAR	26,166	6,948	6,531	-	-	-	-	195.06	190.36	8,260

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	752	704	767	19:44	54	13:32	10.55	10.52	438
LOWER PERIYAR ( 3 * 60 )	180	163	132	167	16:44	88	08:05	3.23	3.22	134
SABARIGIRI( 2 * 60 + 4 * 55 )	340	246	245	248	12:26	227	14:49	5.87	5.86	244
OTHER HYDEL	834	715	717	807	00:01	381	07:06	19.37	19.37	807
Total HYDEL	2,134	1,876	1,798	-	-	-	-	39.02	38.97	1,623
BRAHMAPURAM DGPP (DIESEL)( 3 * 21.32 )	64	0	0	0	00:00	2	12:01	0	0	0
BSES (NAPTHA)( 1 * 35.5 + 3 * 40.5 )	157	0	0	0	00:00	0	07:26	-	-	-
KOZHICODE DPP (DIESEL)( 6 * 16 )	96	0	0	0	00:00	0	07:26	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	10:55	0	0	0
OTHER GAS/NAPTHA/DIESEL	22	0	0	0	00:00	0	07:26	-	-	-
Total GAS/NAPTHA/DIESEL	709	0	0	-	-	-	-	0	0	0
WIND	70	0	0	30	00:00	0	-	0.73	0.73	30
SOLAR	1,988	0	0	65	00:00	0	-	1.57	1.57	65
OTHERS	20	0	0	12	00:00	0	-	0.3	0.3	13
Total KER	4,921	1,876	1,798	-	-	-	-	41.62	41.57	1,731

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	739	829	985	18:21	786	17:22	20.15	18.31	763
NCTPS STG3( Infirm - 800 MW )	0	0	0	0	00:00	0	-	0	0	0
NORTH CHENNAI TPS STG-II( 2 * 600 )	1,200	448	683	810	20:52	421	10:51	16.04	14.62	609
NORTH CHENNAI TPS( 3 * 210 )	630	266	251	277	20:23	220	17:36	6.99	6.02	251
OPG PGPL	414	0	0	72	00:00	0	-	1.95	1.73	72
SEPC( 1 * 525 )	525	488	402	509	04:55	247	16:33	9.34	8.81	367
ST - CMS( 1 * 250 )	250	248	168	250	19:42	165	11:58	4.88	4.5	188
TUTICORIN( 5 * 210 )	1,050	517	495	525	19:39	329	10:50	11.82	10.68	445
Total THERMAL	5,509	2,706	2,828					71.17	64.67	2,695
KADAMPARAI ( 4 * 100 )	400	100	0	103	19:18	3	06:02	0.58	0.57	24
KADAMPARAI (PUMP)( 4 * 100 )	400	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	1,826	1,363	1,220	1,363	00:30	127	07:21	27.57	27.33	1,139
Total HYDEL	2,226	1,463	1,220					28.15	27.9	1,163
BASIN BRIDGE (NAPTHA)( 4 * 30 )	120	0	0	0	00:00	0	06:00	0	0	0
KOVIL KALAPPAL (GAS)( 1 * 37.8 + 1 * 70 )	108	0	0	0	00:00	0	06:09	0	0	0
KUTTALAM (GAS)( 1 * 37 + 1 * 64 )	101	0	0	0	00:00	0	06:23	0	0	0
MADURAI POWER CL (DIESEL)( 1 * 106 )	106	0	0	0	00:00	0	07:26	0	0	0
P P NALLUR (NAPTHA)( 1 * 330.5 )	331	0	0	0	00:00	0	07:26	0	0	0
SAMALPATTY (DIESEL)( 7 * 15.1 )	106	0	0	0	00:00	0	07:26	0	0	0
VALATTUR(STG1&STG2)( 1 * 32 + 1 * 35 + 2 * 60 )	187	35	43	71	11:37	37	17:59	1.84	1.71	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	35	43					1.84	1.71	71
WIND	9,392	3,097	2,465	4,405	15:48	1,774	07:13	67.23	67.23	2,801
SOLAR	9,555	0	0	6,839	11:26	13	06:06	46.9	46.9	1,954
OTHERS	2,029	303	523	523	00:00	280	07:26	4.43	4.43	185
Total TN	30,132	7,604	7,079					219.72	212.84	8,869

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	06:37	0	0	0
NEYVELI TS I EXPN ( 2 * 210 )	420	168	158	170	22:05	135	15:19	3.67	3.45	144
NEYVELI TS II( 7 * 210 )	1,470	615	551	630	06:25	523	09:24	16.72	13.31	555
NEYVELI TS II EXPN ( 2 * 250 )	500	217	218	222	18:53	94	10:15	4.97	4.24	177
NNTPS( 2 * 500 )	1,000	694	683	733	01:58	487	11:14	16	13.89	579
NTPC-TELANGANA STPP(2*800)	1,600	751	713	751	20:00	0	-	15.41	14.07	586
RAMAGUNDAM( 3 * 200 + 4 * 500 )	2,600	601	313	618	20:18	300	06:03	11.9	10.67	445
SIMHADRI STAGE I( 2 * 500 )	1,000	447	436	469	00:54	243	07:28	9.32	8.59	358
SIMHADRI STAGE II( 2 * 500 )	1,000	452	442	493	00:36	259	08:12	9.54	9.02	376
TALCHER ST2( 4 * 500 )	2,000	1,410	1,365	1,410	19:12	750	11:09	29.8	27.91	1,163
Total THERMAL	13,990	5,355	4,879	-	-	-	-	117.33	105.15	4,383
KAIGA STG1( 2 * 220 )	440	195	192	200	11:31	188	06:40	5.3	4.79	200
KAIGA STG2( 2 * 220 )	440	428	428	438	15:22	422	07:38	11.44	10.51	438
KUDANKULAM( 2 * 1000 )	2,000	1,021	1,021	1,097	07:51	1,003	12:00	24.6	23.07	961
MAPS( 2 * 220 )	440	0	0	0	00:00	20	17:21	0	0	0
Total NUCLEAR	3,320	1,644	1,641	-	-	-	-	41.34	38.37	1,599
Total ISGS	17,310	6,999	6,520					158.67	143.52	5,982

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	947	510	979	19:39	359	13:44	15.23	14.3	596
VALLUR TPS( 3 * 500 )	1,500	1,392	1,205	1,442	20:43	690	16:20	25.3	23.44	977
Total THERMAL	2,500	2,339	1,715	-	-	-	-	40.53	37.74	1,573
Total JOINT_VENTURE	2,500	2,339	1,715					40.53	37.74	1,573

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	522	403	560	22:52	291	11:12	10.78	9.97	415
IL&FS( 2 * 600 )	1,200	542	542	559	19:30	299	12:10	11.87	11.02	459
JINDAL POWER LIMITED (SIMHAPURI UNIT)( 4 * 150 )	600	401	232	417	21:14	148	13:15	6.43	5.96	248
MEENAKSHI ENERGY LTD STAGE1( 2 * 150 )	300	0	0	0	00:00	54	14:09	0	0	0
MEENAKSHI ENERGY LTD STAGE2( 2 * 350 )	700	0	0	187	00:00	0	-	5	4.5	188
SEIL P1( 2 * 660 )	1,320	1,240	919	1,260	20:27	637	10:46	22.79	21.43	893
SEIL P2 UNIT-1( 1 * 660 )	660	628	512	634	19:35	311	15:21	12.55	11.92	497
Total THERMAL	5,980	3,333	2,608	-	-	-	-	69.42	64.8	2,700
LKPPL ST2( 1 * 133 + 1 * 233 )	366	0	0	0	00:00	3	08:18	0	0	0
LKPPL ST3( 2 * 133 + 2 * 233 )	732	0	0	0	00:00	0	-	0	0	0
Total GAS/NAPTHA/DIESEL	1,098	0	0	-	-	-	-	0	0	0
Total REGIONAL_IPP	7,078	3,333	2,608					69.42	64.8	2,700

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	54	75	23:33	12	08:09	1.02	1.02	43
GADAG_RSPL_W	175	147	77	102	20:00	204	15:43	2.44	2.44	102
GADAG_VENA_W	133	49	83	63	20:00	0	-	1.52	1.52	63
GREEN INFRA( 1 * 249.90 )	250	6	89	150	00:00	0	11:33	1.14	1.14	48
HIRIYUR_OSTRO( 1 *300.3)	300	0	0	110	00:00	0	13:30	2.63	2.63	110
HIRIYUR_ZREPL_W	66	47	29	47	20:00	0	-	0.74	0.74	31
JSW RENEW ENERGY TWO LTD	300	36	26	196	17:29	2	10:13	0.86	0.86	36
KARUR_JSWRENEW_W	162	123	88	123	20:00	0	-	2.32	2.32	97
KARUR_JSWRETWO_W	150	83	79	83	20:00	0	-	1.77	1.77	74
KOPPAL_AYANASIX_W	300	169	45	169	20:00	0	-	2.35	2.35	98
KOPPAL_KLEIO_W	101	0	0	24	00:00	0	-	0.57	0.57	24
KOPPAL_RENEWOJAS_W	319	0	88	309	16:22	39	07:41	2.86	2.86	119
KOPPAL_RENEWROSHNI_W	291	139	79	228	15:32	33	06:00	2.47	2.47	103
KURNOOL_AMGREEN_W	304	0	0	108	00:00	0	07:26	2.6	2.6	108
MYTRA( 1 * 250 )	250	23	65	110	00:00	0	08:52	0.83	0.83	35
ORANGE( 1 * 200 )	200	19	72	126	00:01	0	10:14	0.91	0.91	38
PGLR_SAUPL_W	53	0	21	33	03:00	0	-	0.79	0.79	33
PGLR_SREPL( 1 * 300 )	300	223	160	251	21:04	102	11:16	3.11	3.11	130
TUTICORINJSWRENEW( 1 * 51.3 )	540	48	77	80	20:00	0	-	1.93	1.93	80
VIVID SOLAIRE (BEETAM)( 1 * 220 )	220	36	103	148	00:00	0	12:57	1.28	1.28	53
Total RENEWABLE_WIND	4,469	1,178	1,235					34.14	34.14	1,425

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	232	11:59	0	06:00	1.36	1.36	113
ANP_ATHENA BIWADI( 1 * 50 )	50	0	0	53	13:55	0	06:00	0.29	0.29	24
ANP_ATHENA HISAR( 1 * 50 )	50	0	0	52	12:42	0	06:01	0.3	0.3	25
ANP_ATHENA KARNAL( 1 * 50 )	50	0	0	52	13:40	0	06:00	0.29	0.29	24
ANP_AYANA( 1 * 250 )	250	0	0	257	14:50	0	06:00	1.18	1.18	98
ANP_AZURE( 1 * 50 )	50	0	0	47	12:34	0	06:01	0.24	0.24	20
ANP_IGS1( 1 * 50 )	50	0	0	52	12:15	0	06:00	0.29	0.29	24
ANP_IGS2( 1 * 50 )	50	0	0	51	13:59	0	06:00	0.28	0.28	23
ANP_NTPC( 5 * 50 )	250	0	0	153	14:54	1	06:01	0.78	0.78	65
ANP_TATA( 2 * 50 )	100	0	0	97	13:43	0	06:00	0.51	0.51	43
SPRING ANG ITRA( 1 * 250 )	250	0	0	182	11:16	0	06:01	1.33	1.33	111
PAVAGADA										
PVG_ADYAH( 6 * 50 )	300	0	0	69	00:00	0	07:26	1.66	1.66	138
PVG_AMPLUS PAVAGADA( 1 * 50 )	50	0	0	51	11:05	3	06:03	0.29	0.29	24
PVG_AMPLUS TUMKUR( 1 * 50 )	50	0	0	50	11:16	2	06:03	0.27	0.27	23
PVG_AVAADA SOLAR( 3 * 50 )	150	0	0	150	11:33	1	06:05	0.75	0.75	63
PVG_AVAADA SOLARISE( 3 * 50 )	150	0	0	151	11:39	2	06:03	0.74	0.74	62
PVG_AZURE POWER EARTH ( 2 * 50 )	100	0	0	76	10:45	2	06:05	0.41	0.41	34
PVG_FORTUM FIN SURYA( 2 * 50 )	100	0	0	75	11:38	2	06:03	0.37	0.37	31
PVG_IRCON_S	225	0	0	49	00:00	0	-	1.18	1.18	98
PVG_KREDL( 1 * 50 )	50	0	0	46	10:53	3	06:05	0.27	0.27	23
PVG_PARAMPUJYA( 3 * 50 )	150	0	0	129	11:45	4	06:03	0.67	0.67	56
PVG_RENEW TN2( 1 * 50 )	50	0	0	51	11:52	3	06:03	0.27	0.27	23
PVG_SBG ENERGY( 4 * 50 )	200	0	0	189	11:33	0	06:13	0.99	0.99	83
PVG_SPRING SOLAR INDIA( 5 * 50 )	250	0	0	195	14:47	6	06:05	1.17	1.17	98
PVG_TATA RENEWABLES( 8 * 50 )	400	0	0	297	15:04	6	06:05	1.71	1.71	143
PVG_YARROW( 1 * 50 )	50	0	0	49	11:04	4	17:49	0.28	0.28	23
OTHER										
GADAG_SERENTICA3_S	69	0	0	0	00:00	0	-	0	0	0
GADAG_VENA_S	31	0	0	7	00:00	0	-	0.17	0.17	14
GRT( 1 * 150 )	150	0	0	154	11:15	0	06:02	0.92	0.92	77
KOPPAL_KLEIO_S	105	0	0	17	00:00	0	-	0.4	0.4	33
KOPPAL_RENEWOJAS_S	81	0	0	15	00:00	0	07:26	0.36	0.36	30
KOPPAL_SRIIPL_S	188	0	0	31	00:00	0	-	0.75	0.75	63
KURNOOL_AMGREEN_S	599	0	0	143	00:00	0	-	3.43	3.43	286
NTPC ETTAYAPURAM SOLAR PLANT	230	0	0	249	11:34	1	06:00	1.43	1.43	119
RAMANGUNDAM (SOLAR)( 1 * 100 )	100	0	0	102	11:53	0	06:00	0.62	0.62	52
SIMHADRI (SOLAR)( 1 * 25 )	25	0	0	3	00:00	0	13:30	0.08	0.08	7
Total	5,253	0	0					26.04	26.04	2,173

Total ISGS IPP Thermal	22,470	11,027	9,202					227.28	207.69	
STATE THERMAL	28,342	13,293	13,481					324.37	298.53	
Total CPP Import										
Total ISGS & IPP Hydro										
HYDEL	13,487	9,955	8,652	-	-	-	-	202.61	201.26	
GAS/NAPTHA/DIESEL	6,826	35	43	-	-	-	-	2.43	2.26	
NUCLEAR	3,320	1,661	1,659	-	-	-	-	41.34	38.38	
WIND	23,583	6,408	6,168	-	-	-	-	159.04	159.04	
SOLAR	30,643	0	0	-	-	-	-	138.3	138.3	
OTHERS	4,752	504	691	-	-	-	-	27.57	27.57	

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	514	508	526	-	12.16	0	12.16
3	765KV-SRIKAKULAM-ANGUL	1,359	1,661	2,629	-	34.37	0	34.37
4	HVDC500KV-TALCHER-KOLAR_DC	1,479	1,480	1,969	-	36.25	0	36.25
Sub-Total EAST REGION		3,352	3,649	5,124	0	82.78	0	82.78
Import/Export between SOUTH REGION and WEST REGION								
1	220KV-AMBEWADI-PONDA	0	0	-	-	0	0	0
2	220KV-AMBEWADI-XELDEM	106	69	-	113	0	2.05	-2.05
3	220KV-CHIKKODI-MUDASANGI	0	0	0	-	-	-	-
4	220KV-CHIKKODI-TALANGADE	-	-	-	-	-	-	-
5	220KV-LOWER_SILERU-BARSUR	-	-	-	-	-	-	-
6	400KV-BHADRAVTAHI-RAMAGUNDAM	309	309	310	-	0	7.41	-7.41
7	400KV-KUDGI_PG-KHOLAPUR_PG	1,152	748	-	1,443	0	23.19	-23.19
8	765KV-NIZAMABAD-WARDHA	730	1,604	3,075	-	33.91	0	33.91
9	765KV-RAICHUR_PG-SHOLAPUR	1,111	204	1,336	-	0	8.91	-8.91

10	765KV-WARANGAL(NEW)-WARORA	568	1,346	2,895	-	29.22	0	29.22
11	HVDC800KV-RAIGARH HVDC-PUGALUR HVDC	958	958	-	555	42.68	0	42.68
Sub-Total WEST REGION		4,934	5,238	7,616	2,111	105.81	41.56	64.25
TOTAL IR EXCHANGE		8,286	8,887	12,740	2,111	188.59	41.56	147.03

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	19.14	-2.07	0	0	0	0	-5.69	54.875	60.565
SR-WR	12.9	-22.09	2.54	63.93	0	39.26	118.73	64.251	-54.479
Total	32.04	-24.16	2.54	63.93	0	39.26	113.04	119.126	6.086

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	.694	15.035	61.713	56.007	23.252

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

Maximum		Minimum		Average Frequency	Freq Variation Index	Standard Deviation	Freq. in 15 mnt blk	
Frequency	Time	Frequency	Time				Max.	Min.
50.204	14:50:10	49.606	19:09:20	49.992	0.068	0.082	50.13	49.7

6.Voltage Profile: 400kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 380	< 390	> 420	> 430
GHANAPUR - 400KV	426	23:10	405	06:40	0	0	34.375	0
GOOTY - 400KV	421	23:54	397	11:39	0	0	.139	0
HIRIYUR - 400KV	428	02:01	404	09:11	0	0	56.597	0
KAIGA - 400KV	421	02:01	390	09:12	0	.069	1.944	0
KOLAR_AC - 400KV	424	23:51	395	09:12	0	0	10.347	0
KUDANKULAM - 400KV	415	04:22	402	11:39	0	0	0	0
SHANKARAPALLY - 400KV	412	17:51	403	11:20	0	0	0	0
SOMANAHALLI - 400KV	421	23:57	396	09:10	0	0	1.528	0
SRIPERUMBADUR - 400KV	409	02:05	399	11:45	0	0	0	0
TRICHY - 400KV	416	06:03	398	11:38	0	0	0	0
TRIVANDRUM - 400KV	423	06:03	408	11:26	0	0	15.139	0
VIJAYAWADA - 400KV	404	17:57	391	12:13	0	0	0	0

6.1 Voltage Profile: 220kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 198	< 210	> 235	> 245
GHANAPUR - 220KV	237	23:59	223	06:40	0	0	13.194	0
GOOTY - 220KV	229	23:58	215	11:38	0	0	0	0
HIRIYUR - 220KV	230	23:44	215	09:11	0	0	0	0
KAIGA - 220KV	236	02:01	219	09:11	0	0	2.014	0
KOLAR_AC - 220KV	232	23:59	215	09:11	0	0	0	0
SOMANAHALLI - 220KV	228	23:55	211	11:37	0	0	0	0
SRIPERUMBADUR - 220KV	0	00:00	0	00:00	N/A	N/A	N/A	N/A
TRICHY - 220KV	232	20:12	220	11:18	0	0	0	0
TRIVANDRUM - 220KV	232	06:03	225	11:40	0	0	0	0
VIJAYAWADA - 220KV	231	18:03	222	12:13	0	0	0	0

6.2 Voltage Profile: 765kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 720	< 750	> 780	> 800
KURNOOL - 765KV	786	01:22	756	11:37	0	0	28.96	0
NIZAMABAD - 765KV	806	23:37	764	06:33	0	0	87.29	31.25
RAICHUR_PG - 765KV	792	01:59	761	11:49	0	0	48.26	0
SRIKAKULAM - 765KV	789	17:33	759	06:35	0	0	40.69	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	1,492	0	1,280	9.92	10.42	58.39	51.82
IDUKKI	694.94	732.43	2,148	726.21	1,680	723.34	1,470	11.06	10.07	77.43	56.43
JALAPUT	818.39	838.4	534	837.62	505	837.61	504	0.69	2.31	17.08	13.85
N.SAGAR	155.45	179.9	1,398	179.74	987	179.8	990	44.26	19.82	152.14	118.52
SRISAILAM	243.84	270.7	1,392	269.53	1,005	269.69	1,021	71.79	32.24	387.76	194.69
SUPA	495	564	3,159	560.23	2,817	562.09	2,983	9.63	17.27	83.05	86.21
LINGANAMAKKI	522.73	554.5	4,557	554.05	4,432	553.99	4,412	24.21	18.65	211.69	110.83
KAKKI	908.3	981.45	916	976.26	722	969.15	529	4.51	5.83	39.8	34.67
TOTAL	-	-	15,608	-	13,640	-	13,189	176.07	123.33	1,027.34	706.69

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	-197.55	-9.01	69.66	0	783.24	0	0	0	0	0	0	0	0
KARNATAKA	-623.93	-125.39	41.6	0	-50.2	0	0	0	0	0	0	0	0
KERALA	-246	0	-10.7	0	76	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	0	0	0	0	0	0	0	0	0	0	0
TAMILNADU	-25	76.61	1,172.32	0	23.35	0	0	0	0	0	0	0	0
TELANGANA	-22.55	4.72	2,282.62	0	1,058.37	0	0	0	0	0	0	0	0
TOTAL	-1,115.03	-53.07	3,555.5	0	1,890.76	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	-211.96	-10.6	908.26	0	548.32	0	0	0	0	0	0	0	0
KARNATAKA	-623.93	-59.56	-43.5	0	-73.4	0	0	0	0	0	0	0	0
KERALA	-96	25.06	30.35	0	215.83	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	0	0	19.27	0	0	0	0	0	0	0	0
TAMILNADU	1,346.43	63.32	335.15	0	-349.78	0	0	0	0	0	0	0	0
TELANGANA	-115.53	4.22	773.08	0	699.18	0	0	0	0	0	0	0	0
TOTAL	299.01	22.44	2,003.34	0	1,059.42	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	45.05	-4.27	1.45	10.45	0	9.7	62.38
KARNATAKA	52.31	-15.01	-3.65	-0.4	0	1	34.25
KERALA	27.65	-2.97	0.42	0.19	0	5.98	31.27
PONDICHERY	9.41	0.08	0	0	0	-0.02	9.47
TAMILNADU	132.51	9.48	2.5	1.69	0	-7.87	138.31
TELANGANA	51.45	0.09	2.16	54.91	0	24.62	133.23
TOTAL	318.38	-12.6	2.88	66.84	0	33.41	408.91

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	2,783.77	1,207.29	-131.14	-216.72	140.32	-11.21	0	0	0	0	1577.74	59.92	0	0
KARNATAKA	3,318.41	1,402.74	-616.12	-650.83	-35.81	-606.05	0	-7.24	0	0	43.52	-134.83	0	0
KERALA	1,730.59	500.92	-69.25	-246	33.15	0	0	0	0	0	31.99	-10.7	0	0
PONDICHERY	510.74	342.39	7.71	0	0	0	0	0	0	0	0	0	0	0
TAMILNADU	6,560.33	4,356.18	1,689.89	-25	152.84	15.42	0	0	0	0	1818.19	-1796.37	0	0
TELANGANA	3,362.31	762.81	137.61	-115.53	225.51	4.02	0	0	0	0	4689.07	0.19	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	1,350.36	51.24	0	0	0	0
KARNATAKA	0	0	0	0	0	0	0	0	547.8	-73.4	0	0	0	0
KERALA	0	0	0	0	0	0	0	0	731.21	9.3	0	0	0	0
PONDICHER ..	0	0	0	0	0	0	0	0	44.33	-76	0	0	0	0
TAMILNADU	0	0	0	0	0	0	0	0	666.89	-1,620.3	0	0	0	0
TELANGANA	0	0	0	0	0	0	0	0	2,166.61	-10.2	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):

Shutdown facilitated for 400KV-NCTPS_STAGE_II-MANALI-I : Provision of loop jumper between 400KV Manali & Sungavarchatram I feeder at loc.50 ; S/D Aailed at 10:57 Hrs and Restored at 17:37 Hrs. Vallur generation restriction lifted from 17:00 hrs.
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12.Constraints and instances of congestion in the transmission system

1) 400kV Somanahalli Mylasandra S/C line aailed 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 aailed for providing of loop jumper between 400KV manali-sungavarchatram I feeder at loc 50.

13. Weather Condition:

Telengana :Light rains reported in Khammam and Warangal districts.
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14. RE/Load Curtailment details

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

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

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	8	3	0	0	1	0	0	0
KARNATAKA	0	0	0	0	14	8	0	0	2	0	0	0
KERALA	0	0	0	0	1	0	0	0	0	0	0	0
TAMILNADU	1	0	0	0	7	3	0	0	0	0	0	0
PONDICHERRY	0	0	0	0	0	0	0	0	0	0	0	0
TELANGANA	0	0	0	0	4	24	0	0	0	0	0	0

REMARKS:

Shift In Charge