

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 #
50,967	-60	51,027	49.88	46,903	0	46,903	50.02	1,304.36	2.21

\* 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	118.59	25.46	0	6.73	14.89	3.32	79.79	82.98	3.19	248.77	251.96	0
KARNATAKA	78.54	54.89	0	12.32	34.27	15.65	67.86	70.98	3.12	263.53	266.65	1.8
KERALA	0	37.25	0	0.26	1.61	0.28	45.97	46.71	0.74	85.36	86.1	0.17
PONDICHERRY	0	0	0.6	0	0.06	0	9.56	9.49	-0.08	10.22	10.14	0.24
TAMILNADU	79.02	25.7	1.7	15.53	40.6	6.02	223.69	223.15	-0.54	392.25	391.71	0
TELANGANA	107.46	49.27	0	0.19	18.85	5.01	116.29	117.04	0.75	297.05	297.8	0
Region	383.61	192.57	2.3	35.03	110.28	30.28	543.16	550.35	7.18	1,297.18	1,304.36	2.21

# 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	9,869	0	9,869	9,139	0	9,139	10,460	244	7.96
KARNATAKA	8,869	0	8,869	7,973	0	7,973	11,045	255.32	13.13
KERALA	4,417	0	4,417	3,167	0	3,167	3,501	84.22	2.05
PONDICHERRY	397	-60	457	399	0	399	401	10.7	-0.32
TAMILNADU	17,419	0	17,419	14,697	0	14,697	16,816	397	-5.29
TELANGANA	9,996	0	9,996	11,528	0	11,528	12,904	305	-7.2
Region	50,967	-60	51,027	46,903	0	46,903	55,127	1,296.24	10.33

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	12,463	12:26	0	12,463	12,463	12:26	0	12,463	950.16	23:46	-1,038.69	20:59
KAR	14,256	10:00	0	14,256	14,256	10:00	0	14,256	707.92	21:46	-1,090	10:49
KER	4,417	19:30	0	4,417	4,417	19:30	0	4,417	188.07	05:01	-685.22	22:31
PONDY	452	18:30	-60	512	452	18:30	-60	512	68.13	10:57	-44.7	19:05
TN	18,101	18:30	0	18,101	18,101	18:30	0	18,101	824.62	07:14	-1,187.39	17:44
TG	15,585	07:32	0	15,585	15,585	07:32	0	15,585	813.85	06:31	-796.13	17:31
Region	61,580	10:43:03	0	61,580	61,580	10:43:03	0	61,580	1,616.42	16:01	-4,390.01	19:09

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	447	452	474	00:09	424	07:07	10.62	9.95	415	
KRISHNAPATTANAM ( 3 * 800 )	2,400	1,216	1,342	1,398	02:36	1,151	16:12	32.3	30.11	1,255	
RAYALASEEMA TPP( 1 * 600 + 5 * 210 )	1,650	1,204	1,223	1,329	00:01	1,143	15:48	31.87	29.07	1,211	
SEIL P2 UNIT-2( 1 * 660 )	660	630	631	635	00:03	605	09:58	15.85	15.1	629	
VIJAYAWADA TPS( 1 * 800 + 1 * 500 + 6 * 210 )	2,560	1,503	1,460	1,563	00:49	1,281	16:52	37.58	34.37	1,432	
OTHER THERMAL	0	0	0	0	00:00	0	-	-	-	-	
Total THERMAL	8,310	5,000	5,108	-	-	-	-	128.22	118.6	4,942	
HAMPI	36	0	0	25	00:00	0	-	0.61	0.61	25	
LOWER SILERU( 4 * 115 )	460	13	13	145	04:51	13	07:53	3.49	3.47	145	
SRISAILAM RBPH( 7 * 110 )	770	640	637	652	03:42	555	06:19	15.15	15.11	630	
UPPER SILERU( 4 * 60 )	240	101	103	157	19:06	1	07:01	1.37	1.37	57	
OTHER HYDEL	431	518	389	518	00:00	0	-	4.93	4.9	204	
Total HYDEL	1,937	1,272	1,142	-	-	-	-	25.55	25.46	1,061	
GAUTAMI CCPP( 1 * 174 + 2 * 145 )	464	0	0	0	00:00	0	07:53	0	0	0	
GMR (BARG)( 1 * 237 )	237	0	0	0	00:00	0	07:53	0	0	0	
JEGURUPADU (GAS)(1 * 49.9 + 1 * 75.5 + 2 * 45.8 )	217	0	0	0	00:00	0	07:53	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	07:53	0	0	0	
LANCO (GAS)( 1 * 121 + 2 * 115 )	351	0	0	0	00:00	0	07:53	0	0	0	
RELIANCE ENERGY LTD. (GAS)( 1 * 140 + 1 * 80 )	220	0	0	0	00:00	0	07:53	0	0	0	
SPECTRUM (GAS)( 1 * 46.8 + 1 * 68.8 + 2 * 46.1 )	208	0	0	0	00:00	0	07:53	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	07:53	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	220	935	1,011	02:11	82	14:23	6.73	6.73	280
SOLAR	3,356	0	0	1,991	10:38	0	06:00	14.89	14.89	620
OTHERS	619	98	88	138	04:51	82	07:53	3.32	3.32	138
Total AP	21,342	6,590	7,273	-	-	-	-	178.71	169	7,041

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	703	440	740	20:28	421	08:03	13.27	11.79	491
KAKATIYA ST1&ST2( 1 * 500 + 1 * 600 )	1,100	997	962	1,021	22:34	229	09:44	21.92	20.74	864
KOTHAGUEDEM TPS( 1 * 500 + 1 * 800 + 2 * 250 )	1,800	1,469	1,353	1,557	19:32	363	09:41	31.07	29	1,208
RAMAGUNDAM-B( 1 * 62.5 )	63	0	0	0	00:00	0	13:56	0	0	0
SINGARENI TPS( 2 * 600 )	1,200	1,203	1,212	1,222	03:02	662	10:27	25.09	23.62	984
YADADRI( 2 * 800 )	1,600	1,438	644	1,451	19:29	941	09:43	24.19	22.32	930
Total THERMAL	6,843	5,810	4,611					115.54	107.47	4,477
NAGARJUNA SAGAR( 1 * 110 + 7 * 100.8 )	816	816	823	839	10:11	74	09:45	19.9	19.84	827
NAGARJUNA SAGAR (PUMP)( 1 * 110 + 7 * 100.8 )	816	0	0	0	00:00	0	-	0	0	0
SRISAILAM LBPH( 6 * 150 )	900	712	712	715	12:05	710	15:33	17.09	17.05	710
SRISAILAM LBPH(PUMP)( 6 * 150 )	900	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	957	551	588	588	00:00	0	06:00	12.45	12.38	516
Total HYDEL	2,673	2,079	2,123					49.44	49.27	2,053
WIND	128	0	0	8	00:00	0	-	0.19	0.19	8
SOLAR	3,818	0	0	2,702	12:01	9	06:06	18.85	18.85	785
OTHERS	252	0	0	209	00:00	0	-	5.01	5.01	209
Total TG	13,714	7,889	6,734					189.03	180.79	7,532

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	792	760	833	15:25	742	16:02	19.54	18.34	764
JINDAL( 2 * 130 + 4 * 300 )	1,460	0	0	223	22:11	0	-	25.33	23.38	13
JINDAL (EXCL. CAPTIVE CONSUMPTION)( 2 * 130 + 4 * 300 )	1,460	0	45	223	22:11	0	06:04	0.32	0.32	13
RAICHUR TPS( 1 * 250 + 7 * 210 )	1,720	856	1,036	1,062	09:09	797	16:51	25.74	23.05	960
UPCL( 2 * 600 )	1,200	1,116	1,005	1,138	06:40	982	07:13	26.68	25.22	1,051
YERAMARAS TPS( 2 * 800 )	1,600	694	242	698	15:05	425	06:12	12.84	11.6	483
Total THERMAL	7,680	3,458	3,088	-	-	-	-	85.12	78.53	2,310
NAGJHERI( 1 * 135 + 5 * 150 )	885	677	206	704	20:39	184	15:19	10.16	10.03	418
SHARAVATHI( 10 * 103.5 )	1,035	788	821	863	06:09	768	14:38	19.79	19.64	818
VARAHI UGPH( 4 * 115 )	460	368	353	413	06:27	55	08:33	7.53	7.39	308
OTHER HYDEL	2,137	1,275	877	1,275	01:08	629	06:00	17.82	17.82	743
Total HYDEL	4,517	3,108	2,257	-	-	-	-	55.3	54.88	2,287
OTHER GAS/NAPTHA/DIESEL	126	0	0	0	00:00	1	07:53	0	0	0
Total GAS/NAPTHA/DIESEL	126	0	0	-	-	-	-	0	0	0
WIND	5,440	526	624	1,285	23:57	241	11:32	12.32	12.32	513
SOLAR	6,571	0	0	4,385	11:23	0	06:00	34.27	34.27	1,428
OTHERS	1,832	95	143	2,080	06:42	77	16:21	15.65	15.65	2,080
Total KAR	26,166	7,187	6,112	-	-	-	-	202.66	195.65	8,618

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	638	635	644	06:12	53	09:38	11.2	11.17	465
LOWER PERIYAR ( 3 * 60 )	180	163	103	164	18:15	87	07:03	2.92	2.91	121
SABARIGIRI( 2 * 60 + 4 * 55 )	340	227	246	248	11:50	218	16:02	5.72	5.7	238
OTHER HYDEL	834	668	692	728	02:41	359	06:06	17.46	17.46	728
Total HYDEL	2,134	1,696	1,676	-	-	-	-	37.3	37.24	1,552
BRAHMAPURAM DGPP (DIESEL)( 3 * 21.32 )	64	0	0	0	00:00	3	12:59	0	0	0
BSES (NAPTHA)( 1 * 35.5 + 3 * 40.5 )	157	0	0	0	00:00	0	07:53	-	-	-
KOZHICODE DPP (DIESEL)( 6 * 16 )	96	0	0	0	00:00	0	07:53	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	06:43	0	0	0
OTHER GAS/NAPTHA/DIESEL	22	0	0	0	00:00	0	07:53	-	-	-
Total GAS/NAPTHA/DIESEL	709	0	0	-	-	-	-	0	0	0
WIND	70	0	0	11	00:00	0	-	0.26	0.26	11
SOLAR	1,988	0	0	67	00:00	0	-	1.61	1.61	67
OTHERS	20	0	0	12	00:00	0	-	0.28	0.28	12
Total KER	4,921	1,696	1,676	-	-	-	-	39.45	39.39	1,642

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	1,040	977	1,066	15:06	852	11:45	23.85	21.89	912
NCTPS STG3( Infirm - 800 MW )	0	0	0	0	00:00	0	-	0	0	0
NORTH CHENNAI TPS STG-II( 2 * 600 )	1,200	750	801	835	10:34	759	14:30	20.28	18.88	787
NORTH CHENNAI TPS( 3 * 210 )	630	257	262	281	16:05	253	16:51	7.41	6.38	266
OPG PGPL	414	0	0	88	00:00	0	-	2.38	2.12	88
SEPC( 1 * 525 )	525	507	494	515	17:21	464	17:13	12.43	11.87	495
ST - CMS( 1 * 250 )	250	248	249	252	08:12	242	08:10	5.98	5.53	230
TUTICORIN( 5 * 210 )	1,050	517	511	530	08:23	479	15:12	13.56	12.34	514
Total THERMAL	5,509	3,319	3,294					85.89	79.01	3,292
KADAMPARAI ( 4 * 100 )	400	98	0	102	14:45	3	06:02	0.67	0.67	28
KADAMPARAI (PUMP)( 4 * 100 )	400	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	1,826	1,279	1,086	1,279	11:36	95	06:45	25.26	25.03	1,043
Total HYDEL	2,226	1,377	1,086					25.93	25.7	1,071
BASIN BRIDGE (NAPTHA)( 4 * 30 )	120	0	0	0	00:00	0	07:33	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	12:31	0	0	0
MADURAI POWER CL (DIESEL)( 1 * 106 )	106	0	0	0	00:00	0	07:53	0	0	0
P P NALLUR (NAPTHA)( 1 * 330.5 )	331	0	0	0	00:00	0	07:53	0	0	0
SAMALPATTY (DIESEL)( 7 * 15.1 )	106	0	0	0	00:00	0	07:53	0	0	0
VALATTUR(STG1&STG2)( 1 * 32 + 1 * 35 + 2 * 60 )	187	31	38	71	09:45	36	06:33	1.83	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	31	38					1.83	1.7	71
WIND	9,392	902	754	1,632	16:18	134	10:16	15.53	15.53	647
SOLAR	9,555	0	0	5,990	10:42	13	06:03	40.6	40.6	1,692
OTHERS	2,029	386	385	386	00:00	350	06:00	6.02	6.02	251
Total TN	30,132	6,015	5,557					175.8	168.56	7,024

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	07:32	0	0	0
NEYVELI TS I EXPN ( 2 * 210 )	420	164	157	167	14:56	139	08:13	3.8	3.58	149
NEYVELI TS II( 7 * 210 )	1,470	547	551	607	06:34	492	13:41	16.21	12.7	529
NEYVELI TS II EXPN ( 2 * 250 )	500	218	222	226	05:58	133	10:04	5.47	4.72	197
NNTPS( 2 * 500 )	1,000	469	438	712	00:00	267	08:58	11.79	9.74	406
NTPC-TELANGANA STPP(2*800)	1,600	759	758	759	20:00	0	-	17.05	15.45	644
RAMAGUNDAM( 3 * 200 + 4 * 500 )	2,600	1,764	1,544	1,784	21:00	625	09:36	37.14	34.62	1,443
SIMHADRI STAGE I( 2 * 500 )	1,000	733	422	851	22:04	249	09:50	12.35	11.19	466
SIMHADRI STAGE II( 2 * 500 )	1,000	775	473	912	21:25	273	10:02	13.42	12.25	510
TALCHER ST2( 4 * 500 )	2,000	1,414	1,414	1,414	04:51	1,414	07:53	32.14	30.22	1,259
Total THERMAL	13,990	6,843	5,979	-	-	-	-	149.37	134.47	5,603
KAIGA STG1( 2 * 220 )	440	193	194	199	20:21	186	14:10	5.28	4.77	199
KAIGA STG2( 2 * 220 )	440	425	427	438	09:46	420	06:30	11.44	10.52	438
KUDANKULAM( 2 * 1000 )	2,000	1,018	1,015	1,030	05:14	1,012	06:17	24.64	23.1	963
MAPS( 2 * 220 )	440	0	0	0	00:00	27	16:08	0	0	0
Total NUCLEAR	3,320	1,636	1,636	-	-	-	-	41.36	38.39	1,600
Total ISGS	17,310	8,479	7,615					190.73	172.86	7,203

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	958	943	971	04:23	385	13:22	20.18	19.09	795
VALLUR TPS( 3 * 500 )	1,500	1,359	1,369	1,400	17:05	734	07:58	29.28	27.17	1,132
Total THERMAL	2,500	2,317	2,312	-	-	-	-	49.46	46.26	1,927
Total JOINT_VENTURE	2,500	2,317	2,312					49.46	46.26	1,927

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	514	558	02:33	487	12:06	13.33	12.46	519
IL&FS( 2 * 600 )	1,200	560	539	564	20:45	476	10:24	14.07	13.12	547
JINDAL POWER LIMITED (SIMHAPURI UNIT)( 4 * 150 )	600	541	396	549	06:02	197	15:37	10.62	9.76	407
MEENAKSHI ENERGY LTD STAGE1( 2 * 150 )	300	0	0	0	00:00	55	13:28	0	0	0
MEENAKSHI ENERGY LTD STAGE2( 2 * 350 )	700	0	0	230	00:00	0	-	6.06	5.52	230
SEIL P1( 2 * 660 )	1,320	1,218	501	1,265	21:56	488	06:34	19.6	18.31	763
SEIL P2 UNIT-1( 1 * 660 )	660	625	626	633	22:04	506	11:05	15.17	14.43	601
Total THERMAL	5,980	3,466	2,576	-	-	-	-	78.85	73.6	3,067
LKPPL ST2( 1 * 133 + 1 * 233 )	366	335	187	342	23:04	93	12:40	5.52	5.35	223
LKPPL ST3( 2 * 133 + 2 * 233 )	732	0	0	0	00:00	0	-	0	0	0
Total GAS/NAPTHA/DIESEL	1,098	335	187	-	-	-	-	5.52	5.35	223
Total REGIONAL_IPP	7,078	3,801	2,763					84.37	78.95	3,290

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	0	28	49	00:00	1	11:24	0.56	0.56	23
GADAG_RSPL_W	175	21	28	12	20:00	40	17:59	0.29	0.29	12
GADAG_VENA_W	133	0	43	27	00:00	0	-	0.64	0.64	27
GREEN INFRA( 1 * 249.90 )	250	0	11	110	16:24	1	07:31	0.48	0.48	20
HIRIYUR_OSTRO( 1 *300.3)	300	0	0	43	00:00	0	07:42	1.03	1.03	43
HIRIYUR_ZREPL_W	66	0	25	160	03:00	0	-	3.84	3.84	160
JSW RENEW ENERGY TWO LTD	300	0	0	146	14:42	1	07:50	0.5	0.5	21
KARUR_JSWRENEW_W	162	28	29	28	20:00	0	-	0.38	0.38	16
KARUR_JSWRETWO_W	150	31	18	35	20:00	0	-	0.83	0.83	35
KOPPAL_AYANASIX_W	300	67	20	67	20:00	0	-	0.78	0.78	33
KOPPAL_KLEIO_W	101	0	0	57	00:00	0	-	1.37	1.37	57
KOPPAL_RENEWOJAS_W	319	0	32	136	23:07	15	11:35	1.64	1.64	68
KOPPAL_RENEWROSHNI_W	291	50	28	105	20:37	2	09:42	1.38	1.38	58
KURNOOL_AMGREEN_W	304	0	0	58	00:00	0	07:53	1.38	1.38	58
MYTRA( 1 * 250 )	250	0	16	101	16:14	0	06:09	0.36	0.36	15
ORANGE( 1 * 200 )	200	0	13	92	15:59	1	09:44	0.39	0.39	16
PGLR_SAUPL_W	53	0	5	35	03:00	0	-	0.85	0.85	35
PGLR_SREPL( 1 * 300 )	300	146	41	165	20:18	0	08:52	2.21	2.21	92
TUTICORINJSWRENEW( 1 * 51.3 )	540	10	37	26	20:00	0	-	0.62	0.62	26
VIVID SOLAIRE (BEETAM)( 1 * 220 )	220	0	0	0	00:00	2	12:37	0	0	0
Total RENEWABLE_WIND	4,469	353	374					19.53	19.53	815

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	249	12:34	0	06:00	1.61	1.61	134
ANP_ATHENA BIWADI( 1 * 50 )	50	0	0	53	12:37	0	06:00	0.34	0.34	28
ANP_ATHENA HISAR( 1 * 50 )	50	0	0	52	12:18	0	06:00	0.32	0.32	27
ANP_ATHENA KARNAL( 1 * 50 )	50	0	0	52	12:03	0	06:00	0.33	0.33	28
ANP_AYANA( 1 * 250 )	250	0	0	254	12:18	0	06:00	1.6	1.6	133
ANP_AZURE( 1 * 50 )	50	0	0	45	11:56	0	06:00	0.28	0.28	23
ANP_IGS1( 1 * 50 )	50	0	0	52	12:40	0	06:00	0.32	0.32	27
ANP_IGS2( 1 * 50 )	50	0	0	52	11:11	0	06:00	0.33	0.33	28
ANP_NTPC( 5 * 50 )	250	0	0	180	11:53	1	06:01	1.07	1.07	89
ANP_TATA( 2 * 50 )	100	0	0	96	12:06	0	06:00	0.58	0.58	48
SPRING ANG ITRA( 1 * 250 )	250	0	0	224	14:04	0	06:00	1.4	1.4	117
PAVAGADA										
PVG_ADYAH( 6 * 50 )	300	0	0	15	00:00	0	16:59	0.36	0.36	30
PVG_AMPLUS PAVAGADA( 1 * 50 )	50	0	0	51	10:56	1	06:00	0.35	0.35	29
PVG_AMPLUS TUMKUR( 1 * 50 )	50	0	0	52	13:54	1	06:00	1.08	1.08	90
PVG_AVAADA SOLAR( 3 * 50 )	150	0	0	151	14:05	1	06:00	1.09	1.09	91
PVG_AVAADA SOLARISE( 3 * 50 )	150	0	0	161	13:15	1	06:00	0.58	0.58	48
PVG_AZURE POWER EARTH ( 2 * 50 )	100	0	0	76	12:04	1	06:00	0.49	0.49	41
PVG_FORTUM FIN SURYA( 2 * 50 )	100	0	0	98	12:51	1	06:00	2.36	2.36	197
PVG_IRCON_S	225	0	0	15	00:00	0	-	0.35	0.35	29
PVG_KREDL( 1 * 50 )	50	0	0	48	11:19	1	06:00	0.89	0.89	74
PVG_PARAMPUJYA( 3 * 50 )	150	0	0	130	12:41	1	06:00	0.4	0.4	33
PVG_RENEW TN2( 1 * 50 )	50	0	0	63	12:44	1	06:00	1.52	1.52	127
PVG_SBG ENERGY( 4 * 50 )	200	0	0	193	11:27	1	06:01	1.85	1.85	154
PVG_SPRING SOLAR INDIA( 5 * 50 )	250	0	0	250	10:47	1	06:00	2.55	2.55	213
PVG_TATA RENEWABLES( 8 * 50 )	400	0	0	353	10:47	1	06:00	0.31	0.31	26
PVG_YARROW( 1 * 50 )	50	0	0	49	13:02	1	06:00	0.31	0.31	26
OTHER										
GADAG_SERENTICA3_S	69	0	0	25	00:00	0	-	0.59	0.59	49
GADAG_VENA_S	31	0	0	8	00:00	0	-	0.19	0.19	16
GRT( 1 * 150 )	150	0	0	150	12:07	0	06:03	1.03	1.03	86
KOPPAL_KLEIO_S	105	0	0	20	00:00	0	-	0.47	0.47	39
KOPPAL_RENEWOJAS_S	81	0	0	25	00:00	0	07:53	0.61	0.61	51
KOPPAL_SRIIPL_S	188	0	2	42	00:00	0	-	1	1	83
KURNOOL_AMGREEN_S	599	0	0	1	00:00	0	-	0.3	0.03	3
NTPC ETTAYAPURAM SOLAR PLANT	230	233	0	249	14:15	1	06:00	2.06	2.06	172
RAMANGUNDAM (SOLAR)( 1 * 100 )	100	0	0	98	12:03	0	06:00	0.43	0.43	36
SIMHADRI (SOLAR)( 1 * 25 )	25	0	0	0	00:00	1	09:31	0	0	0
Total	5,253	233	2					29.35	29.08	2,425

Total ISGS IPP Thermal	22,470	12,626	10,867					277.68	254.33	
STATE THERMAL	28,342	17,587	16,101					414.77	383.61	
Total CPP Import										
Total ISGS & IPP Hydro										
HYDEL	13,487	9,532	8,284	-	-	-	-	193.83	192.55	
GAS/NAPTHA/DIESEL	6,826	366	225	-	-	-	-	7.91	7.65	
NUCLEAR	3,320	1,657	1,656	-	-	-	-	41.37	38.39	
WIND	23,583	2,001	2,686	-	-	-	-	54.56	54.56	
SOLAR	30,643	233	2	-	-	-	-	139.36	139.36	
OTHERS	4,752	579	616	-	-	-	-	30.28	30.28	

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	608	606	626	-	14.65	0	14.65
3	765KV-SRIKAKULAM-ANGUL	1,002	1,830	2,995	-	42.81	0	42.81
4	HVDC500KV-TALCHER-KOLAR_DC	1,479	1,479	1,969	-	36.87	0	36.87
Sub-Total EAST REGION		3,089	3,915	5,590	0	94.33	0	94.33
Import/Export between SOUTH REGION and WEST REGION								
1	220KV-AMBEWADI-PONDA	0	0	-	-	0	0	0
2	220KV-AMBEWADI-XELDEM	102	74	-	104	0	1.82	-1.82
3	220KV-CHIKKODI-MUDASANGI	0	0	0	-	-	-	-
4	220KV-CHIKKODI-TALANGADE	-	-	-	-	-	-	-
5	220KV-LOWER_SILERU-BARSUR	-	-	-	-	-	-	-
6	400KV-BHADRAVTAHI-RAMAGUNDAM	297	495	1,014	-	9.89	0	9.89
7	400KV-KUDGI_PG-KHOLAPUR_PG	559	544	-	941	0	11.44	-11.44
8	765KV-NIZAMABAD-WARDHA	279	1,398	2,930	-	37.06	0	37.06
9	765KV-RAICHUR_PG-SHOLAPUR	777	294	1,299	-	1.53	0	1.53

10	765KV-WARANGAL(NEW)-WARORA	427	1,380	2,827	-	36.62	0	36.62
11	HVDC800KV-RAIGARH HVDC-PUGALUR HVDC	2,132	960	-	1,912	83.75	0	83.75
Sub-Total WEST REGION		4,573	5,145	8,070	2,957	168.85	13.26	155.59
TOTAL IR EXCHANGE		7,662	9,060	13,660	2,957	263.18	13.26	249.92

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	32.53	-3.32	0	0.24	0	0.01	2.8	64.106	61.306
SR-WR	35.95	21.04	0.86	67.13	0	50.37	201.35	155.587	-45.763
Total	68.48	17.72	0.86	67.37	0	50.38	204.15	219.693	15.543

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	2.627	5.139	23.067	66.25	36.759	10.683

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

Maximum		Minimum		Average Frequency	Freq Variation Index	Standard Deviation	Freq. in 15 mnt blk	
Frequency	Time	Frequency	Time				Max.	Min.
50.121	16:01:50	49.414	18:56:50	49.943	0.193	0.127	50.07	49.44

6.Voltage Profile: 400kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 380	< 390	> 420	> 430
GHANAPUR - 400KV	422	00:00	400	07:06	0	0	5.417	0
GOOTY - 400KV	419	03:01	398	10:31	0	0	0	0
HIRIYUR - 400KV	429	03:00	403	09:09	0	0	46.042	0
KAIGA - 400KV	420	03:00	388	09:10	0	.625	0	0
KOLAR_AC - 400KV	423	03:07	394	07:08	0	0	13.264	0
KUDANKULAM - 400KV	414	20:56	401	10:12	0	0	0	0
SHANKARAPALLY - 400KV	411	01:01	401	14:37	0	0	0	0
SOMANAHALLI - 400KV	420	03:00	392	09:10	0	0	.278	0
SRIPERUMBADUR - 400KV	408	02:57	390	18:24	0	2.083	0	0
TRICHY - 400KV	415	20:55	397	09:52	0	0	0	0
TRIVANDRUM - 400KV	421	03:00	404	10:12	0	0	4.028	0
VIJAYAWADA - 400KV	412	02:37	391	14:41	0	0	0	0

6.1 Voltage Profile: 220kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 198	< 210	> 235	> 245
GHANAPUR - 220KV	235	00:00	235	00:00	0	0	0	0
GOOTY - 220KV	227	01:55	215	10:51	0	0	0	0
HIRIYUR - 220KV	231	20:05	212	10:35	0	0	0	0
KAIGA - 220KV	236	03:02	218	09:14	0	0	4.097	0
KOLAR_AC - 220KV	231	20:07	213	09:21	0	0	0	0
SOMANAHALLI - 220KV	227	03:02	208	09:40	0	11.042	0	0
SRIPERUMBADUR - 220KV	0	00:00	0	00:00	N/A	N/A	N/A	N/A
TRICHY - 220KV	232	17:02	222	09:41	0	0	0	0
TRIVANDRUM - 220KV	231	04:00	231	04:00	0	0	0	0
VIJAYAWADA - 220KV	230	01:56	222	14:54	0	0	0	0

6.2 Voltage Profile: 765kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 720	< 750	> 780	> 800
KURNOOL - 765KV	782	00:00	748	06:30	0	.76	6.39	0
NIZAMABAD - 765KV	802	00:00	754	06:24	0	0	75.07	2.15
RAICHUR_PG - 765KV	788	20:10	752	06:31	0	0	32.78	0
SRIKAKULAM - 765KV	795	23:56	754	06:24	0	0	69.38	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	1,480	0	1,286	6.34	12.83	73.85	75.43
IDUKKI	694.94	732.43	2,148	726.16	1,675	723.47	1,479	7.63	11.1	94.58	78.7
JALAPUT	818.39	838.4	534	837.67	507	838.03	526	3.92	2.31	24.11	17.68
N.SAGAR	155.45	179.9	1,398	179.53	976	179.37	968	45.16	19.82	266.66	158.17
SRISAILAM	243.84	270.7	1,392	269.38	990	269.17	968	40.39	32.37	496.59	259.23
SUPA	495	564	3,159	560.23	2,817	562.45	3,016	7.21	14.53	99.1	113.27
LINGANAMAKKI	522.73	554.5	4,557	554.05	4,432	554.08	4,442	17.48	18.54	259.92	149.02
KAKKI	908.3	981.45	916	976.13	718	969.37	534	3.56	5.82	47.11	46.19
TOTAL	-	-	15,608	-	13,595	-	13,219	131.69	120.63	1,361.92	945.14

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	-190.44	-6.41	643.42	0	265.23	0	0	0	0	0	0	0	0
KARNATAKA	-630.93	-110.47	30.98	0	-38.7	0	0	0	0	0	0	0	0
KERALA	-246	0	-10.1	0	289.59	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	0	0	19.35	0	0	0	0	0	0	0	0
TAMILNADU	1,696.61	77.87	118.39	0	887.62	0	0	0	0	0	0	0	0
TELANGANA	-22.76	-0.4	1,784.08	0	480.65	0	0	0	0	0	0	0	0
TOTAL	606.48	-39.41	2,566.77	0	1,903.74	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	-200.58	-6.4	125.25	0	166.73	0	96.73	0	0	0	0	0	0
KARNATAKA	-684.93	-109.18	-76.17	0	57.35	0	0	0	0	0	84.64	0	21.03
KERALA	-96	0	-3.61	0	134.86	0	0	0	0	0	0	0	0
PONDICHER ..	0	0.83	4.45	0	9.43	0	0	0	0	0	0	0	0
TAMILNADU	5,025.56	0	52.09	0	60.08	0	0	0	0	0	0	0	0
TELANGANA	-113.8	-0.5	-178.8	0	-157.3	0	0	0	0	0	0	0	0
TOTAL	3,930.25	-115.25	-76.79	0	271.15	0	96.73	0	0	0	84.64	0	21.03

State	Day Energy (MU)						
	ISGS+GNA Schedule	T-GNA Bilateral	GDAM Schedule	DAM Schedule	HPDAM Schedule	RTM Schedule	Total (MU)
ANDHRA PRADESH	52.98	-4.15	0.15	11.72	0	19.09	79.79
KARNATAKA	77.49	-15.23	-2.53	3.8	0	4.33	67.86
KERALA	42.1	-2.95	0.29	0.27	0	6.26	45.97
PONDICHERY	9.28	0.11	0.09	0.11	0	-0.03	9.56
TAMILNADU	149.74	52.47	1.88	4.27	0	15.33	223.69
TELANGANA	69.94	0.12	1.45	43.86	0	0.92	116.29
TOTAL	401.53	30.37	1.33	64.03	0	45.9	543.16

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	3,277.37	972.95	-125.53	-201.47	130.4	-409.6	0	0	0	0	1616.66	106.28	96.73	0
KARNATAKA	4,606.5	2,308.05	-601.7	-684.93	-22.44	-135.46	0	-11.03	0	0	1381.33	-101.52	48.36	0
KERALA	2,419.18	1,420.59	-66.33	-246	36.95	0	0	0	0	0	56.93	-60.1	0	0
PONDICHERY	437.99	346.69	14.03	0	81.25	0	0	0	0	0	51.75	0	0	0
TAMILNADU	7,006.96	5,551.36	6,196.51	0	170.83	0	0	0	0	0	549.56	-44.69	0	0
TELANGANA	4,088.3	2,110.28	137.99	-115.5	225.22	-0.8	0	0	0	0	4372.28	-1278.81	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	1,973.76	80.76	0	0	0	0
KARNATAKA	84.64	0	0	0	0	0	0	0	1,502.08	-46.4	0	0	21.03	0
KERALA	0	0	0	0	0	0	0	0	724.68	-0.6	0	0	0	0
PONDICHER ..	0	0	0	0	0	0	0	0	57.07	-60	0	0	0	0
TAMILNADU	0	0	0	0	0	0	0	0	2,559.22	-723.6	0	0	0	0
TELANGANA	0	0	0	0	0	0	0	0	1,398.88	-999.71	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):

1) At 14:45 Hrs busbar protection operated at 400kV coastal end,Bus-I got tripped and connected 400KV-CEPL-TUTICORIN_PS-I and Bus reactor got tripped.
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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:

Tamilnadu : Moderate rains reported in Madurai district
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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	1.8	900	0	0	0	0	0	
KERALA	0.168	168.2	0	0	0	0	0	
TAMILNADU	0	0	0	0	0	0	0	
PONDICHERRY	0.24	60	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	3	3	6	0	0	0	0	0	0	0
KARNATAKA	0	0	1	2	21	4	0	0	6	2	0	0
KERALA	0	1	2	1	0	0	0	0	0	0	0	0
TAMILNADU	1	0	1	2	7	0	0	0	6	2	2	0
PONDICHERRY	0	0	0	0	0	0	0	0	0	0	0	0
TELANGANA	0	1	1	0	33	19	0	0	0	0	0	0

REMARKS:

Shift In Charge