GRID CONTROLLER OF INDIA LIMITED
SOUTHERN REGIONAL LOAD DESPATCH CENTRE
DAILY OPERATION REPORT OF SOUTHERN REGION

Power Supply Position in Southern Region For 07-Aug-2025

Date of Reporting:08-Aug-2025

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 #
49,687	0	49,687	50.08	44,787	0	44,787	50.04	1,216.3	0

* MW Availabilty 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	127.74	24.04	0	12.51	9.47	2.15	63.94	63.04	-0.9	239.85	238.95	0
KARNATAKA	78.39	49.37	0	14.41	25.26	13.8	47.85	48.35	0.5	229.07	229.57	0
KERALA	0	41.78	0	0.63	1.16	0.3	39.44	37.51	-1.93	83.31	81.39	0
PONDICHERRY	0	0	0.58	0	0.06	0	9.88	9.79	-0.09	10.52	10.43	0
TAMILNADU	68.59	30.23	3.42	77.43	44.3	5.88	150.73	151.28	0.55	380.58	381.13	0
TELANGANA	119.18	41.53	0	0.17	14.31	3.77	97.71	95.87	-1.84	276.67	274.83	0
Region	393.9	186.95	4	105.15	94.56	25.9	409.55	405.84	-3.71	1,220	1,216.3	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	Day Energy(Net MU)	
	Demand Met	Shortage(-)/Surplus(+) #	Requirement at Evening peak	Demand Met	Shortage(-)/Surplus(+) #	Requirement at Off-Peak	(MW)	ForeCast (LGBR) (mus)	Deviation[Forecast(LGBR) -Consumption] (mus)
ANDHRA PRADESH	9,790	0	9,790	9,195	0	9,195	9,968	244	-5.05
KARNATAKA	9,803	0	9,803	6,907	0	6,907	9,634	223.01	6.56
KERALA	4,025	0	4,025	2,850	0	2,850	3,259	81.24	0.15
PONDICHERRY	454	0	454	362	0	362	414	9.39	1.04
TAMILNADU	17,395	0	17,395	13,971	0	13,971	16,452	378	3.13
TELANGANA	8,220	0	8,220	11,502	0	11,502	11,838	282	-7.17
Region	49,687	0	49,687	44,787	0	44,787	51,565	1,217.64	-1.34

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	11,375	12:26	0	11,375	11,375	12:26	0	11,375	754.32	15:07	-483.2	16:48
KAR	11,659	10:00	0	11,659	11,659	10:00	0	11,659	461.01	23:10	-940.1	07:13
KER	4,071	19:00	0	4,071	4,071	19:00	0	4,071	336.64	08:02	-389.63	19:00
PONDY	486	22:00	0	486	486	22:00	0	486	47.14	15:31	-51.46	22:11
TN	18,013	19:00	0	18,013	18,013	19:00	0	18,013	856.54	03:58	-1,321.56	07:19
TG	14,733	07:35	0	14,733	14,733	07:35	0	14,733	710.91	17:00	-775.41	02:46
Region	56,054	11:59:34	0	56,054	56,054	11:59:34	0	56,054	2,806.43	13:01	-3,792.54	07:24

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	905	923	948	20:49	572	15:39	20.47	19.36	807
KRISHNAPATTANAM (3 * 800)	2,400	1,663	1,456	1,720	13:07	1,196	10:17	37.96	35.84	1,493
RAYALASEEMA TPP(1 * 600 + 5 * 210)	1,650	1,218	1,095	1,336	21:16	895	16:01	28.21	25.56	1,065
SEIL P2 UNIT-2(1 * 660)	660	629	627	634	10:26	602	09:01	15.81	15.01	625
VIJAYAWADA TPS(1 * 800 + 1 * 500 + 6 * 210)	2,560	1,432	1,342	1,442	19:22	1,147	13:58	35.08	31.97	1,332
OTHER THERMAL	0	0	0	0	00:00	0	-	-	-	-
Total THERMAL	8,310	5,847	5,443	-	-	-	-	137.53	127.74	5,322
HAMPI	36	0	0	20	00:00	0	-	0.49	0.49	20
LOWER SILERU(4 * 115)	460	13	110	316	04:54	13	10:04	3.4	3.39	141
SRISAILAM RBPH(7 * 110)	770	627	631	633	00:00	616	13:46	15.14	15.11	630
UPPER SILERU(4 * 60)	240	0	0	117	07:37	1	06:01	0.6	0.6	25
OTHER HYDEL	431	155	172	186	00:00	0	-	4.47	4.46	186
Total HYDEL	1,937	795	913	-	-	-	-	24.1	24.05	1,002
GAUTAMI CCPP(1 * 174 + 2 * 145)	464	0	0	0	00:00	0	12:06	0	0	0
GMR (BARG)(1 * 237)	237	0	0	0	00:00	0	12:06	0	0	0
JEGURUPADU (GAS)(1 * 49.9 + 1 * 75.5 + 2 * 45.8)	217	0	0	0	00:00	0	12:06	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	12:06	0	0	0
LANCO (GAS)(1 * 121 + 2 * 115)	351	0	0	0	00:00	0	12:06	0	0	0
RELIANCE ENERGY LTD. (GAS)(1 * 140 + 1 * 80)	220	0	0	0	00:00	0	12:06	0	0	0
SPECTRUM (GAS)(1 * 46.8 + 1 * 68.8 + 2 * 46.1)	208	0	0	0	00:00	0	12:06	0	0	0
VEMAGIRI POWER GENERATION LTD.(GAS)(1 * 137 + 1 * 233)	370	0	0	0	00:00	0	-	0	0	0

VIJJESWARAM GTS(1 * 112.5 + 1 * 34 + 1 * 59.5 + 2 * 33)	272	0	0	0	00:00	0	12:06	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	369	1,210	1,229	03:02	184	17:57	12.51	12.51	521
SOLAR	3,192	0	0	1,859	10:34	3	06:02	9.47	9.47	395
OTHERS	619	120	94	127	12:05	94	06:40	2.15	2.15	90
Total AP	21,178	7,131	7,660	-	-	-	-	185.76	175.92	7,330

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	820	756	906	23:32	546	08:57	18.36	16.49	687
KAKATIYA ST1&ST2(1 * 500 + 1 * 600)	1,100	1,023	678	1,068	16:37	588	13:29	21.42	20.19	841
KOTHAGUDEM TPS(1 * 500 + 1 * 800 + 2 * 250)	1,800	1,502	1,167	1,528	00:37	972	13:16	30.87	28.7	1,196
RAMAGUNDAM-B(1 * 62.5)	63	0	0	0	00:00	0	06:00	-	0	0
SINGARENI TPS(2 * 600)	1,200	1,205	1,197	1,218	07:31	661	12:51	25.06	23.61	984
YADADRI(2 * 800)	1,600	1,433	1,551	1,604	03:50	881	13:50	31.87	30.18	1,258
Total THERMAL	6,843	5,983	5,349					127.58	119.17	4,966
NAGARJUNA SAGAR(1 * 110 + 7 * 100.8)	816	504	706	724	19:13	610	17:46	16.94	16.88	703
NAGARJUNA SAGAR (PUMP)(1 * 110 + 7 * 100.8)	816	0	0	0	00:00	0	-	0	0	0
SRISAILAM LBPH(6 * 150)	900	147	704	708	00:07	297	17:32	15.48	15.45	644
SRISAILAM LBPH(PUMP)(6 * 150)	900	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	957	509	249	509	00:00	0	15:07	9.25	9.19	383
Total HYDEL	2,673	1,160	1,659					41.67	41.52	1,730
WIND	128	0	0	7	00:00	0	-	0.17	0.17	7
SOLAR	3,811	0	0	2,174	12:18	13	06:06	14.31	14.31	596
OTHERS	252	0	0	157	00:00	0	-	3.77	3.77	157
Total TG	13,707	7,143	7,008					187.5	178.94	7,456

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	865	751	905	20:18	529	13:59	19.94	18.79	783
JINDAL(2 * 130 + 4 * 300)	1,460	0	0	317	23:56	0	-	25.17	23.14	84
JINDAL (EXCL. CAPTIVE CONSUMPTION)(2 * 130 + 4 * 300)	1,460	156	18	317	23:56	0	06:27	2.02	2.02	84
RAICHUR TPS(1 * 250 + 7 * 210)	1,720	950	1,245	1,266	05:36	842	11:17	28.2	25.31	1,055
UPCL(2 * 600)	1,200	561	315	568	22:47	288	16:11	11.15	10.37	432
YERAMARAS TPS(2 * 800)	1,600	946	1,001	1,053	08:23	802	15:20	23.76	21.9	913
Total THERMAL	7,680	3,478	3,330	-	-	-	-	85.07	78.39	2,387
NAGJHERI(1 * 135 + 5 * 150)	885	686	453	709	07:21	277	14:34	12.94	12.77	532
SHARAVATHI(10 * 103.5)	1,035	812	692	865	06:15	444	06:00	17.35	17.22	718
VARAHI UGPH(4 * 115)	460	443	452	462	07:28	43	09:03	8.27	8.14	339
OTHER HYDEL	2,137	1,110	614	1,110	03:22	470	06:00	11.24	11.24	468
Total HYDEL	4,517	3,051	2,211	-	-	-	-	49.8	49.37	2,057
OTHER GAS/NAPTHA/DIESEL	126	0	0	0	00:00	1	12:06	0	0	0
Total GAS/NAPTHA/DIESEL	126	0	0	-	-	-	-	0	0	0
WIND	5,408	872	568	1,161	22:09	342	12:46	14.41	14.41	600
SOLAR	6,404	0	0	3,654	13:51	0	06:17	25.26	25.26	1,053
OTHERS	1,832	114	91	1,627	14:14	85	08:59	13.8	13.8	1,628
Total KAR	25,967	7,515	6,200	-	-	-	-	188.34	181.23	7,725

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	620	617	637	07:21	181	13:10	12.64	12.61	525
LOWER PERIYAR (3 * 60)	180	120	120	121	16:54	120	07:37	2.89	2.88	120
SABARIGIRI(2 * 60 + 4 * 55)	340	269	274	297	17:19	255	09:01	6.76	6.75	281
OTHER HYDEL	834	721	724	814	02:04	505	06:33	19.55	19.55	815
Total HYDEL	2,134	1,730	1,735	-	-	-	-	41.84	41.79	1,741
BRAHMAPURAM DGPP (DIESEL)(3 * 21.32)	64	0	0	0	00:00	4	12:28	0	0	0
BSES (NAPTHA)(1 * 35.5 + 3 * 40.5)	157	0	0	0	00:00	0	15:07	-	-	-
KOZHIKODE DPP (DIESEL)(6 * 16)	96	0	0	0	00:00	0	12:06	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	09:21	0	0	0
OTHER GAS/NAPTHA/DIESEL	22	0	0	0	00:00	0	15:07	-	-	-
Total GAS/NAPTHA/DIESEL	709	0	0	-	-	-	-	0	0	0
WIND	70	0	0	26	00:00	0	-	0.63	0.63	26
SOLAR	417	0	0	49	00:00	0	-	1.16	1.16	48
OTHERS	20	0	0	12	00:00	0	-	0.3	0.3	13
Total KER	3,350	1,730	1,735	-	-	-	-	43.93	43.88	1,828

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	1,017	838	1,034	20:23	820	14:47	22	20.12	838
NCTPS STG3(Infirm - 800 MW)	0	0	0	20	00:00	0	-	0.51	0.48	20
NORTH CHENNAI TPS STG-II(2 * 600)	1,200	712	647	758	21:40	569	17:03	17.59	16.37	682
NORTH CHENNAI TPS(3 * 210)	630	292	120	303	20:52	107	06:00	5	4.22	176
OPG PGPL	414	0	0	226	00:00	0	-	5.97	5.42	226
SEPC(1 * 525)	525	496	267	503	21:48	343	06:00	11.09	10.52	438
ST - CMS(1 * 250)	250	0	0	0	00:00	8	12:06	0	0	0
TUTICORIN(5 * 210)	1,050	495	452	529	00:32	0	08:36	12.66	11.45	477
Total THERMAL	5,509	3,012	2,324					74.82	68.58	2,857
KADAMPARAI (4 * 100)	400	100	0	104	19:39	3	06:05	1.05	1.04	43
KADAMPARAI (PUMP)(4 * 100)	400	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	1,826	1,170	1,284	1,284	07:23	37	09:02	29.45	29.19	1,216
Total HYDEL	2,226	1,270	1,284					30.5	30.23	1,259
BASIN BRIDGE (NAPTHA)(4 * 30)	120	0	0	0	00:00	0	06:25	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	66	76	78	06:10	0	08:51	1.64	1.52	63
MADURAI POWER CL (DIESEL)(1 * 106)	106	0	0	0	00:00	0	12:06	0	0	0
P P NALLUR (NAPTHA)(1 * 330.5)	331	0	0	0	00:00	0	12:06	0	0	0
SAMALPATTY (DIESEL)(7 * 15.1)	106	0	0	0	00:00	0	12:06	0	0	0
VALATTUR(STG1&STG2)(1 * 32 + 1 * 35 + 2 * 60)	187	141	141	141	12:06	141	12:06	2.04	1.9	79
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	207	217					3.68	3.42	142
WIND	9,299	4,221	3,204	4,592	17:51	1,723	08:01	77.43	77.43	3,226
SOLAR	8,631	0	0	6,401	11:58	12	06:04	44.3	44.3	1,846
OTHERS	2,029	544	540	644	05:45	429	09:38	5.88	5.88	245
Total TN	29,115	9,254	7,569					236.61	229.84	9,575

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	948	1,639	06:29	888	17:56	25.16	23.49	979
NEYVELI TS I EXPN (2 * 210)	420	264	251	291	23:05	255	06:11	6.76	6.17	257
NEYVELI TS II(7 * 210)	1,470	488	551	563	10:51	468	17:12	15.38	11.85	494
NEYVELI TS II EXPN (2 * 250)	500	343	355	357	01:17	249	13:28	9.07	7.8	325
NNTPS(2 * 500)	1,000	463	472	479	07:33	258	10:10	10.74	9	375
NTPC-TELANGANA STPP(2*800)	1,600	1,454	1,366	1,454	20:00	0	-	30.23	28.12	1,172
RAMAGUNDAM(3 * 200 + 4 * 500)	2,600	2,291	1,500	2,425	22:40	1,311	09:07	45.97	42.76	1,782
SIMHADRI STAGE I(2 * 500)	1,000	873	911	935	22:44	488	08:11	18.98	17.56	732
SIMHADRI STAGE II(2 * 500)	1,000	930	937	963	00:18	529	16:06	19.41	18.49	770
TALCHER ST2(4 * 500)	2,000	1,780	1,803	1,835	03:17	1,060	13:14	43.45	40.91	1,705
Total THERMAL	13,990	10,381	9,094	-	-	-	-	225.15	206.15	8,591
KAIGA STG1(2 * 220)	440	192	195	202	09:45	187	10:38	5.36	4.84	202
KAIGA STG2(2 * 220)	440	428	425	437	08:58	419	10:23	11.42	10.49	437
KUDANKULAM(2 * 1000)	2,000	1,018	1,018	1,027	16:30	1,006	16:37	24.58	22.61	942
MAPS(2 * 220)	440	241	249	254	08:28	213	10:10	5.33	4.42	184
Total NUCLEAR	3,320	1,879	1,887	-	-	-	-	46.69	42.36	1,765
Total ISGS	17,310	12,260	10,981					271.84	248.51	10,356

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	921	571	959	00:18	414	13:13	17	16.03	668
VALLUR TPS(3 * 500)	1,500	1,355	836	1,381	19:16	565	09:09	23.62	21.62	901
Total THERMAL	2,500	2,276	1,407	-	-	-	-	40.62	37.65	1,569
Total JOINT_VENTURE	2,500	2,276	1,407					40.62	37.65	1,569

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	299	302	328	04:11	286	13:50	7.89	7.2	300
IL&FS(2 * 600)	1,200	557	543	564	00:13	299	09:50	12.45	11.57	482
JINDAL POWER LIMITED (SIMHAPURI UNIT)(4 * 150)	600	544	303	546	00:00	196	13:39	9.16	8.16	340
MEENAKSHI ENERGY LTD STAGE1(2 * 150)	300	151	82	153	23:06	53	13:38	0.05	0.05	2
MEENAKSHI ENERGY LTD STAGE2(1 * 350)	350	0	0	227	00:00	0	-	6.16	5.44	227
SEIL P1(2 * 660)	1,320	1,250	1,152	1,268	06:26	754	15:05	26.34	24.87	1,036
SEIL P2 UNIT-1(1 * 660)	660	627	627	633	07:48	411	15:19	13.86	13.19	550
Total THERMAL	5,630	3,428	3,009	-	-	-	-	75.91	70.48	2,937
LKPPL ST2(1 * 133 + 1 * 233)	366	282	89	284	20:15	161	12:19	4.75	4.58	191
LKPPL ST3(2 * 133 + 2 * 233)	732	0	0	0	00:00	0	-	0	0	0
Total GAS/NAPTHA/DIESEL	1,098	282	89	-	-	-	-	4.75	4.58	191
Total REGIONAL_IPP	6,728	3,710	3,098					80.66	75.06	3,128

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	7	20	43	14:31	4	12:31	0.36	0.36	15
GADAG_RSPPL_W	175	29	37	27	20:00	63	17:46	0.64	0.64	27
GADAG_VENA_W	133	0	54	29	00:00	0	-	0.69	0.69	29
GREEN INFRA(1 * 249.90)	250	90	64	194	00:07	0	09:10	1.78	1.78	74
HIRIYUR_OSTRO(1 *300.3)	300	0	0	62	00:00	0	09:24	1.48	1.48	62
HIRIYUR_ZREPL_W	66	25	20	98	20:00	0	-	2.35	2.35	98
JSW RENEW ENERGY TWO LTD	300	0	0	0	00:00	0	09:23	0	0	0
KARUR_JSWRETWO_W	150	84	70	84	20:00	0	-	1.53	1.53	64
KOPPAL_AYANASIX_W	300	114	51	114	20:00	0	-	1	1	42
KOPPAL_RENEWOJAS_W	308	0	54	169	20:04	4	08:41	1.19	1.19	50
KOPPAL_RENEWROSHNI_W	291	64	25	174	18:45	2	14:38	0.8	0.8	33
KURNOOL_AMGREEEN_W	301	0	0	75	00:00	0	15:07	1.81	1.81	75
MYTRA(1 * 250)	250	0	0	0	00:00	0	08:09	0	0	0
ORANGE(1 * 200)	200	82	61	149	00:05	0	10:56	1.51	1.51	63
PGLR_SAUPL_W	53	0	25	32	03:00	0	-	0.77	0.77	32
PGLR_SREPL(1 * 300)	300	193	132	227	05:41	58	11:50	3.45	3.45	144
TUTICORINJSWRENEWW(1 * 51.3)	540	179	121	179	20:00	0	-	2.57	2.57	107
VIVID SOLAIRE (BEETAM)(1 * 220)	220	138	97	178	00:02	3	11:18	2.08	2.08	87
Total RENEWABLE_WIND	4,192	1,005	831					24.01	24.01	1,002

RENEWABLE SOLAR

Station/Constituents	Inst. Capacity	20:00	03:00	Day Peak		Min Generation (06:00-18:00)		Day Energy		AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	(MW)	Hrs	Gross Gen(MU)	Net Get(MU)	
NP_KUNTA										
ANP_ADANIAPSEVEN(5 * 50)	250	0	0	251	12:18	0	06:00	1.57	1.57	131
ANP_ATHENA BIWADI(1 * 50)	50	0	0	53	12:15	0	07:11	0.3	0.3	25
ANP_ATHENA HISAR(1 * 50)	50	0	0	52	11:26	0	07:11	0.29	0.29	24
ANP_ATHENA KARNAL(1 * 50)	50	0	0	51	13:01	0	06:10	0.29	0.29	24
ANP_AYANA(1 * 250)	250	0	0	263	12:57	0	06:00	1.5	1.5	125
ANP_AZURE(1 * 50)	50	0	0	45	11:46	0	06:00	0.22	0.22	18
ANP_IGS1(1 * 50)	50	0	0	52	11:59	0	06:00	0.29	0.29	24
ANP_IGS2(1 * 50)	50	0	0	52	12:41	0	06:00	0.27	0.27	23
ANP_NTPC(5 * 50)	250	0	0	178	11:34	1	07:12	0.88	0.88	73
ANP_TATA(2 * 50)	100	0	0	93	13:07	1	07:11	0.52	0.52	43
SPRING ANG ITRA(1 * 250)	250	0	0	62	00:00	0	06:21	1.48	1.48	123
PAVAGADA										
PVG_ADYAH(6 * 50)	300	0	0	59	00:00	0	06:21	1.42	1.42	118
PVG_AMPLUS PAVAGADA(1 * 50)	50	0	0	46	10:10	1	06:05	0.23	0.23	19
PVG_AMPLUS TUMKUR(1 * 50)	50	0	0	47	10:10	1	06:05	0.23	0.23	19
PVG_AVAADA SOLAR(3 * 50)	150	0	0	146	10:14	3	06:05	0.65	0.65	54
PVG_AVAADA SOLARISE(3 * 50)	150	0	0	126	15:23	3	06:05	0.64	0.64	53
PVG_AZURE POWER EARTH (2 * 50)	100	0	0	71	10:17	2	06:00	0.37	0.37	31
PVG_FORTUM FIN SURYA(2 * 50)	100	0	0	54	14:24	3	06:05	0.31	0.31	26
PVG_IRCON_S	225	0	0	48	00:00	0	-	1.15	1.15	96
PVG_KREDL(1 * 50)	50	0	0	42	15:22	2	06:05	0.23	0.23	19
PVG_PARAMPUJYA(3 * 50)	150	0	0	105	15:30	5	06:05	0.57	0.57	48
PVG_RENEW TN2(1 * 50)	50	0	0	47	15:26	1	06:05	0.2	0.2	17
PVG_SBG ENERGY(4 * 50)	200	0	0	169	10:24	1	06:24	0.88	0.88	73
PVG_SPRING SOLAR INDIA(5 * 50)	250	0	0	206	10:14	6	06:05	1.11	1.11	93
PVG_TATA RENEWABLES(8 * 50)	400	0	0	289	15:27	4	06:05	1.6	1.6	133
PVG_YARROW(1 * 50)	50	0	0	43	15:23	4	17:54	0.24	0.24	20
OTHER										
GADAG_VENA_S	31	0	0	7	00:00	0	-	0.16	0.16	13
GRT(1 * 150)	150	0	0	146	11:37	0	06:00	0.89	0.89	74
KOPPAL_KLEIO_S	105	0	0	17	00:00	0	-	0.41	0.41	34
KOPPAL_RENEWOJAS_S	81	0	0	13	00:00	0	15:07	0.32	0.32	27
KOPPAL_SRI1PL_S	179	0	0	33	00:00	0	-	0.78	0.78	65
KURNOOL_AMGREEN_S	550	0	0	122	00:00	0	-	2.93	2.93	244
NTPC ETTAYAPURAM SOLAR PLANT	230	0	0	240	12:29	0	06:00	1.42	1.42	118
RAMANGUNDAM (SOLAR)(1 * 100)	100	0	0	95	11:22	0	06:00	0.41	0.41	34
SIMHADRI (SOLAR)(1 * 25)	25	0	0	5	00:00	0	06:21	0.11	0.11	9
Total	5,126	0	0					24.87	24.87	2,070

Total ISGS IPP Thermal	22,120	16,085	13,510					341.68	314.28	
STATE THERMAL	28,342	18,320	16,446					425	393.88	
Total CPP Import										
Total ISGS & IPP Hydro										
HYDEL	13,487	8,006	7,802	-	-	-	-	188.08	186.96	
GAS/NAPTHA/DIESEL	6,826	489	306	-	-	-	-	8.97	8.58	
NUCLEAR	3,320	1,878	1,887	-	-	-	-	46.68	42.36	
WIND	23,181	6,503	5,830	-	-	-	-	129.16	129.16	
SOLAR	27,683	0	0	-	-	-	-	119.43	119.43	
OTHERS	4,752	778	725	-	-	-	-	25.9	25.9	

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	308	309	320	-	7.26	0	7.26
3	765KV-SRIKAKULAM-ANGUL	539	1,035	2,614	-	30.51	0	30.51
4	HVDC500KV-TALCHER-KOLAR_DC	1,968	1,479	1,971	-	43.88	0	43.88
	Sub-Total EAST REGION	2,815	2,823	4,905	0	81.65	0	81.65
	Import/Export between SOUTH REGION and WEST REGION							
1	220KV-AMBEWADI-PONDA	0	0	-	-	0	0	0
2	220KV-AMBEWADI-XELDEM	102	83	-	103	0	2.1	-2.1
3	220KV-CHIKKODI-MUDASANGI	0	0	0	-	-	-	-
4	220KV-CHIKKODI-TALANGADE	-	-	-	-	-	-	-
5	220KV-LOWER_SILERU-BARSUR	-	-	-	-	-	-	-
6	400KV-BHADRAVTAHI-RAMAGUNDAM	396	299	550	-	7.2	0	7.2
7	400KV-KUDGI_PG-KHOLAPUR_PG	1,716	1,515	-	1,904	0	34.84	-34.84
8	765KV-NIZAMABAD-WARDHA	981	71	2,158	-	6.84	0	6.84
9	765KV-RAICHUR_PG-SHOLAPUR	2,245	1,929	-	3,016	0	34.41	-34.41
10	765KV-WARANGAL(NEW)-WARORA	855	112	2,029	-	7.25	0	7.25

11	HVDC800KV-RAIGARH HVDC-PUGALUR HVDC	279	279	-	549	14.61	0	14.61
Sub-Total WEST REGION		6,574	4,288	4,737	5,572	35.9	71.35	-35.45
TOTAL IR EXCHANGE		9,389	7,111	9,642	5,572	117.55	71.35	46.2

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	39.8	-6.64	0	0.2	0	0.07	-9.4	40.738	50.138
SR-WR	33.08	-16.19	0.53	6.92	0	-1.27	18.19	-35.444	-53.634
Total	72.88	-22.83	0.53	7.12	0	-1.2	8.79	5.294	-3.496

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	1.887	80.081	64.838	18.032

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

Maximum		Minimum		Average	Freq Variation	Standard	Freq. in 15 mnt blk	
Frequency	Time	Frequency	Time	Frequency	Index	Deviation	Max.	Min.
50.203	09:00:50	49.722	07:21:20	50.012	0.026	0.05	50.13	49.8

6.Voltage Profile: 400kV

	Maximum		Minimum		Voltage (in %)			
STATION	VOLTAGE	TIME	VOLTAGE	TIME	< 380	< 390	> 420	> 430
GHANAPUR - 400KV	419	23:52	404	07:23	0	0	0	0
GOOTY - 400KV	419	02:04	403	10:16	0	0	0	0
HIRIYUR - 400KV	423	02:00	403	10:42	0	0	16.597	0
KAIGA - 400KV	418	23:56	396	10:23	0	0	0	0
KOLAR_AC - 400KV	426	04:04	395	09:13	0	0	22.986	0
KUDANKULAM - 400KV	415	02:26	400	14:27	0	0	0	0
SHANKARAPALLY - 400KV	413	03:22	402	12:34	0	0	0	0
SOMANAHALLI - 400KV	421	03:55	396	09:13	0	0	9.028	0
SRIPERUMBADUR - 400KV	412	03:44	395	12:43	0	0	0	0
TRICHY - 400KV	416	01:12	397	11:49	0	0	0	0
TRIVANDRUM - 400KV	418	02:11	400	14:24	0	0	0	0
VIJAYAWADA - 400KV	420	18:37	391	22:26	0	0	.069	0

6.1 Voltage Profile: 220kV

	Maximum		Minimum		Voltage (in %)			
STATION	VOLTAGE	TIME	VOLTAGE	TIME	< 198	< 210	> 235	> 245
GHANAPUR - 220KV	234	23:56	222	07:23	0	0	0	0
GOOTY - 220KV	228	02:11	219	10:26	0	0	0	0
HIRIYUR - 220KV	230	02:03	219	10:43	0	0	0	0
KAIGA - 220KV	237	23:58	222	09:39	0	0	18.542	0
KOLAR_AC - 220KV	233	04:06	216	09:13	0	0	0	0
SOMANAHALLI - 220KV	209	00:00	209	00:00	0	100	0	0
SRIPERUMBADUR - 220KV	0	00:00	0	00:00	N/A	N/A	N/A	N/A
TRICHY - 220KV	230	00:00	221	10:27	0	0	0	0
TRIVANDRUM - 220KV	231	03:59	220	19:13	0	0	0	0
VIJAYAWADA - 220KV	229	18:00	222	09:21	0	0	0	0

6.2 Voltage Profile: 765kV

	Maximum		Minimum		Voltage (in %)			
STATION	VOLTAGE	TIME	VOLTAGE	TIME	< 720	< 750	> 780	> 800
KURNOOL - 765KV	786	04:01	760	07:22	0	0	18.13	0
NIZAMABAD - 765KV	794	13:03	764	07:12	0	0	79.79	0
RAICHUR_PG - 765KV	787	02:05	762	07:22	0	0	23.96	0
SRIKAKULAM - 765KV	790	18:02	760	07:22	0	0	61.11	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	1,461	0	1,207	15.91	10.7	83.94	67.63
IDUKKI	694.94	732.43	2,148	724.58	1,557	721.66	1,352	13.42	11.72	105.39	77.55
JALAPUT	818.39	838.4	534	835.26	399	834.82	385	0	2.46	14.69	13.68
N.SAGAR	155.45	179.9	1,398	179.25	961	178.16	904	31.33	16.71	304.4	101.63
SRISAILAM	243.84	270.7	1,392	268.16	870	269.2	971	15.42	32.28	288.81	192.48
SUPA	495	564	3,159	551.59	2,107	558.15	2,637	7.16	11.68	54.81	81.2
LINGANAMAKKI	522.73	554.5	4,557	552.26	3,866	553.61	4,287	21.14	16.5	132.54	98.4
KAKKI	908.3	981.45	916	975.74	708	966.7	473	5.47	6.86	46.8	41.1
TOTAL	-	-	15,608	-	11,929	-	12,216	109.85	110.18	1,031.38	690.43

8(A). Short-Term Open Access Details:

State	Off- Peak Hours (03:00)												
	T-GNA Bilateral (MW)	IEX GDAM (MW)	IEX DAM (MW)	IEX HPDAM (MW)	IEX RTM (MW)	PXIL GDAM (MW)	PXIL DAM (MW)	PXIL HPDAM (MW)	PXI RTM (MW)	HPX GDAM (MW)	HPX DAM (MW)	HPX HPDAM (MW)	HPX RTM (MW)
AP	-191.48	-12.07	-53.16	0	16.25	0	0	0	0	0	0	0	0
KARNATAKA	-614.74	-100	-34.17	0	-49	0	0	0	0	0	0	0	0
KERALA	-113.38	0	-11	0	133.57	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	0	0	-10	0	0	0	0	0	0	0	0
TAMILNADU	961.4	0	166.98	0	-144.82	0	0	0	0	0	0	0	0
TELANGANA	-36.93	0	600.47	0	189.36	0	0	0	0	0	0	0	0
TOTAL	4.87	-112.07	669.12	0	135.36	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	-196.94	-13	-92.07	0	598.15	0	9.6	0	37.88	0	0	0	0
KARNATAKA	-614.74	-100.71	-70.16	0	201.57	0	0	0	0	0	0	0	0
KERALA	-113.38	0	-6.17	0	307.47	0	0	0	0	0	0	0	0
PONDICHER ..	0	2.92	0.16	0	0	0	0	0	0	0	0	0	0
TAMILNADU	1,453.97	0	-51.72	0	749.18	0	0	0	0	0	0	0	0
TELANGANA	-134.65	0	-669.4	0	-1,904.5	0	0	0	0	0	0	0	0
TOTAL	394.26	-110.79	-889.36	0	-48.13	0	9.6	0	37.88	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	58.97	-4.02	0.05	5.29	0	3.65	63.94
KARNATAKA	63.99	-12.46	-2.44	-1.36	0	0.12	47.85
KERALA	39.85	-2.25	0.42	-0.13	0	1.55	39.44
PONDICHERRY	10.14	0.11	0.02	-0.04	0	-0.35	9.88
TAMILNADU	140.62	16.1	1.47	-4.69	0	-2.77	150.73
TELANGANA	88.2	-0.58	0.99	11.14	0	-2.04	97.71
TOTAL	401.77	-3.1	0.51	10.21	0	0.16	409.55

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	3,095.76	1,526.01	-114.44	-203.61	95.71	-13.3	0	0	0	0	1185.04	-98	77.85	0
KARNATAKA	3,894.86	1,453.03	-286.27	-614.76	-52.69	-484.45	0	0	0	0	-11.35	-202.3	0	0
KERALA	2,158.27	1,010.38	-63.62	-113.38	59.99	0	0	0	0	0	80.41	-321	0	0
PONDICHERRY	479.98	372.37	13.92	0	6.76	0	0	0	0	0	3.95	-22	0	0
TAMILNADU	6,709.48	4,753.56	1,502.9	-25	199.73	0	0	0	0	0	1153.08	-1352.67	0	0
TELANGANA	5,077.35	2,455.26	84.69	-134.65	160.16	-0.2	0	0	0	0	3002.17	-1569.4	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	1,151.44	-85.6	55.99	0	0	0
KARNATAKA	0	0	0	0	0	0	0	0	315.74	-98.23	11.24	0	0	0
KERALA	0	0	0	0	0	0	0	0	434.82	-30.8	0	0	0	0
PONDICHER ..	0	0	0	0	0	0	0	0	24.4	-63	0	0	0	0
TAMILNADU	0	0	0	0	0	0	0	0	1,053.03	-953.77	0	0	0	0
TELANGANA	0	0	0	0	0	0	0	0	2,204.84	-2,404.8	0	0	0	0

9. Synchronisation of new generating units :

SL.NO	Station Name	Owner	Inst. Capacity (MW)	Date	Time

10. Synchronisation of new 220 / 400 / 765 KV Transmission elements and energising of bus /substation :

11.Significant events (If any):

400 KV Bhadrawati-Ramagundam line-1 &2 tripped on Y-E fault at 14:51hrs. Fault details from Ramagundam given below. Ramagundam-2 fault details : Fault current - 3.487KA, Fault distance- 7KM, Ramagundam-1 fault details : Fault current - 2.150KA Fault distance- Not triggered. Both lines were normalised 15:52 Hrs & 17:17 Hrs respectively

12.Constraints and instances of congestion in the transmission system

1) 400KV-KALVENDAPATTU-VALLUR-1 and 400KV-KALVENDAPATTU-VALLUR-2 lines are under S/D from 17.07.25; 08:50 Hrs and 18.07.25; 08:04 Hrs for providing of back stays and destringing of conductors between towers MC-054 to MC-059 (5 span) under TNRDC line diversion work
2) 400KV-KHAMMAM_PG-ASUPAKA & 400kV KHAMAM_PG-KALPAKA line under shutdown for execution/modification of line between the location Ex.T.No.796 to 797 (0.386 Kms).for execution of 400KV TMDC line Diversion works between the location Ex.T.No.796 to Ex.T.No.797 (0.386).For providing sufficient clearance over proposed 4 lane access controlled Greenfield Highway section of Khammam to Devarapally (NH-365BG) under TGTRANSCO supervision.
3) 400KV-TALARICHERUVU-URAVAKONDA-D/C under shutdown from 01.08.25; 08:32 hrs for Talaricheruvu-Uravakonda QMDC Line between Loc.No. 86 to 88 for proposed National Highway (NH544D) near Venkata Reddy palli (v), Tadapatri, Ananthapuram (Dt). For stringing works and errection of new 2 Nos towers i.e DA+3 and DD+3. Expected revival on 15.08.25.
4) 400kV SomanahalliMylasandra S/C line availed S/D on 0.3.08.2025/15:38Hrs for construction related works associated with the upcoming 400kV Dommasandra (New) substation, for a period of four months. Expected revival on 31.12.2025

13. Weather Condition:

Andhra Pradesh: Light to moderate rains reported in CPDCL
Telangana: Moderate rains reported in Hyderabad area
Karnataka: Light rains reported in Bangalore

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	1	0	0	0	0	0	0	0	0	0	1	0
KARNATAKA	0	2	0	0	0	0	0	0	0	6	0	0
KERALA	0	0	0	0	0	0	0	0	0	0	0	0
TAMILNADU	1	1	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