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

Power Supply Position in Southern Region For 22-Sep-2025

Date of Reporting:23-Sep-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 #
48,327	0	48,327	50.09	36,737	0	36,737	50.04	1,106.21	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	107.61	24.59	0	26.5	10.75	3.38	36.2	35.79	-0.41	209.02	208.61	0
KARNATAKA	72.28	46.8	5.5	29.47	27.1	11.77	40.36	37.91	-2.45	233.28	230.83	0
KERALA	0	29.06	0	0.69	1.36	0.26	54.37	54.65	0.28	85.74	86.02	0
PONDICHERRY	0	0	0.56	0	0.06	0	9.08	8.9	-0.18	9.7	9.52	0
TAMILNADU	61.47	17.1	3.61	91.77	47.6	5.49	121.39	116.22	-5.17	348.43	343.27	0
TELANGANA	103.09	43.31	0	0.5	14.74	4.91	60.95	61.42	0.47	227.5	227.96	0
Region	344.45	160.86	9.67	148.93	101.61	25.81	322.35	314.89	-7.46	1,113.67	1,106.21	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	9,518	0	9,518	7,896	0	7,896	8,692	215	-6.39
KARNATAKA	9,311	0	9,311	6,187	0	6,187	9,644	235.47	-4.64
KERALA	4,339	0	4,339	3,073	0	3,073	3,482	86.46	-0.44
PONDICHERRY	420	0	420	306	0	306	376	10.8	-1.28
TAMILNADU	16,155	0	16,155	11,582	0	11,582	14,569	372	-28.73
TELANGANA	8,584	0	8,584	7,693	0	7,693	9,782	232	-4.04
Region	48,327	0	48,327	36,737	0	36,737	46,545	1,151.73	-45.52

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	9,724	18:57	0	9,724	9,724	18:57	0	9,724	1,159.67	05:05	-766.39	18:28
KAR	12,244	10:00	0	12,244	12,244	10:00	0	12,244	571.08	07:41	-445.88	04:05
KER	4,410	19:00	0	4,410	4,410	19:00	0	4,410	440.16	05:01	-386.19	15:24
PONDY	443	22:30	0	443	443	22:30	0	443	65.43	06:01	-55.04	09:53
TN	17,106	18:30	0	17,106	17,106	18:30	0	17,106	1,588.39	08:00	-743.71	15:03
TG	11,829	11:43	0	11,829	11,829	11:43	0	11,829	668.18	06:46	-766.36	08:16
Region	51,467	11:45:29	0	51,467	51,467	11:45:29	0	51,467	2,589.08	18:47	-2,026.59	15:36

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	946	588	962	21:40	575	15:20	16.42	15.38	641
KRISHNAPATTANAM (3 * 800)	2,400	1,275	1,257	1,387	23:58	1,132	16:21	32.07	29.66	1,236
RAYALASEEMA TPP(1 * 600 + 5 * 210)	1,650	1,202	932	1,251	18:06	909	16:58	25.93	23.29	970
SEIL P2 UNIT-2(1 * 660)	660	629	627	632	17:35	337	08:25	14.19	13.43	560
VIJAYAWADA TPS(1 * 800 + 1 * 500 + 6 * 210)	2,560	1,153	1,013	1,184	20:12	1,014	14:27	29.01	25.84	1,077
OTHER THERMAL	0	0	0	0	00:00	0	-	-	-	-
Total THERMAL	8,310	5,205	4,417	-	-	-	-	117.62	107.6	4,484
HAMPI	36	0	0	20	00:00	0	-	0.47	0.47	20
LOWER SILERU(4 * 115)	460	13	13	160	04:36	13	07:44	3.85	3.83	160
SRISAILAM RBPH(7 * 110)	770	627	629	635	11:11	621	12:59	15.2	15.16	632
UPPER SILERU(4 * 60)	240	103	0	220	19:04	2	06:48	1.44	1.44	60
OTHER HYDEL	431	407	218	407	00:00	0	-	3.7	3.69	154
Total HYDEL	1,937	1,150	860	-	-	-	-	24.66	24.59	1,026
GAUTAMI CCPP(1 * 174 + 2 * 145)	464	0	0	0	00:00	0	07:44	0	0	0
GMR (BARG)(1 * 237)	237	0	0	0	00:00	0	07:44	0	0	0
JEGURUPADU (GAS)(1 * 49.9 + 1 * 75.5 + 2 * 45.8)	217	0	0	0	00:00	0	07:44	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	07:44	0	0	0
LANCO (GAS)(1 * 121 + 2 * 115)	351	0	0	0	00:00	0	07:44	0	0	0
RELIANCE ENERGY LTD. (GAS)(1 * 140 + 1 * 80)	220	0	0	0	00:00	0	07:44	0	0	0
SPECTRUM (GAS)(1 * 46.8 + 1 * 68.8 + 2 * 46.1)	208	0	0	0	00:00	0	07:44	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	07:44	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	1,445	1,497	1,948	21:14	657	17:20	26.5	26.5	1,104
SOLAR	3,356	0	0	1,666	13:01	1	06:00	10.75	10.75	448
OTHERS	619	89	92	141	10:46	85	10:46	3.38	3.38	141
Total AP	21,342	7,889	6,866	-	-	-	-	182.91	172.82	7,203

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	650	563	957	19:23	552	06:02	16.57	14.83	618
KAKATIYA ST1&ST2(1 * 500 + 1 * 600)	1,100	1,028	606	1,060	18:42	580	15:26	21.15	20.01	834
KOTHAGUDEM TPS(1 * 500 + 1 * 800 + 2 * 250)	1,800	1,305	1,022	1,582	22:35	979	12:23	29.06	27.12	1,130
RAMAGUNDAM-B(1 * 62.5)	63	0	0	0	00:00	0	07:44	0	0	0
SINGARENI TPS(2 * 600)	1,200	950	786	1,187	00:00	662	13:48	20.56	19.28	803
YADADRI(2 * 800)	1,600	1,233	908	1,240	18:57	802	12:29	23.49	21.85	910
Total THERMAL	6,843	5,166	3,885					110.83	103.09	4,295
NAGARJUNA SAGAR(1 * 110 + 7 * 100.8)	816	798	808	820	09:54	794	06:04	19.68	19.62	818
NAGARJUNA SAGAR (PUMP)(1 * 110 + 7 * 100.8)	816	0	0	0	00:00	0	-	0	0	0
SRISAILAM LBPH(6 * 150)	900	697	704	707	10:34	700	17:58	16.88	16.85	702
SRISAILAM LBPH(PUMP)(6 * 150)	900	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	957	270	285	285	00:00	0	10:46	6.9	6.84	285
Total HYDEL	2,673	1,765	1,797					43.46	43.31	1,805
WIND	128	0	0	21	00:00	0	-	0.5	0.5	21
SOLAR	3,818	0	0	2,148	12:34	13	06:08	14.74	14.74	614
OTHERS	252	0	0	205	00:00	0	-	4.91	4.91	205
Total TG	13,714	6,931	5,682					174.44	166.55	6,940

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	796	530	859	22:34	516	12:27	17.27	16.14	673
JINDAL(2 * 130 + 4 * 300)	1,460	0	0	209	22:04	0	-	19.6	18.03	29
JINDAL (EXCL. CAPTIVE CONSUMPTION)(2 * 130 + 4 * 300)	1,460	143	18	209	22:04	0	06:01	0.69	0.69	29
RAICHUR TPS(1 * 250 + 7 * 210)	1,720	1,142	885	1,157	20:23	881	12:40	27.01	24.19	1,008
UPCL(2 * 600)	1,200	546	299	558	23:09	282	17:09	10.19	9.47	395
YERAMARAS TPS(2 * 800)	1,600	1,065	857	1,077	18:49	800	13:29	23.67	21.8	908
Total THERMAL	7,680	3,692	2,589	-	-	-	-	78.83	72.29	2,291
NAGJHERI(1 * 135 + 5 * 150)	885	448	333	679	08:13	248	16:02	11.16	11.06	461
SHARAVATHI(10 * 103.5)	1,035	666	546	872	14:29	264	06:26	15.04	14.93	622
VARAHI UGPH(4 * 115)	460	46	58	462	14:22	45	07:55	2.82	2.76	115
OTHER HYDEL	2,137	1,345	903	1,345	00:14	775	06:42	18.05	18.05	752
Total HYDEL	4,517	2,505	1,840	-	-	-	-	47.07	46.8	1,950
OTHER GAS/NAPTHA/DIESEL	126	0	0	229	00:00	1	07:44	5.5	5.5	229
Total GAS/NAPTHA/DIESEL	126	0	0	-	-	-	-	5.5	5.5	229
WIND	5,440	1,643	1,287	1,890	17:55	810	13:37	29.47	29.47	1,228
SOLAR	6,571	0	0	3,945	11:51	0	06:05	27.1	27.1	1,129
OTHERS	1,832	62	76	1,619	14:31	65	17:56	11.77	11.77	1,620
Total KAR	26,166	7,902	5,792	-	-	-	-	199.74	192.93	8,447

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	487	633	644	07:05	55	12:25	9.14	9.11	380
LOWER PERIYAR (3 * 60)	180	132	90	164	19:43	0	09:46	1.84	1.83	76
SABARIGIRI(2 * 60 + 4 * 55)	340	217	228	230	13:21	108	06:53	5.04	5.03	210
OTHER HYDEL	834	568	523	568	20:00	252	09:22	13.1	13.1	546
Total HYDEL	2,134	1,404	1,474	-	-	-	-	29.12	29.07	1,212
BRAHMAPURAM DGPP (DIESEL)(3 * 21.32)	64	0	0	0	00:00	4	09:19	0	0	0
BSES (NAPTHA)(1 * 35.5 + 3 * 40.5)	157	0	0	0	00:00	0	10:46	-	-	-
KOZHIKODE DPP (DIESEL)(6 * 16)	96	0	0	0	00:00	0	07:44	0	0	0
MPS STEEL CASTINGS(1 * 10)	10	0	0	0	00:00	0	-	-	-	-
RGCCPP KAYAMKULAM (KSEB) - NTPC(1 * 126.38 + 2 * 116.6)	360	0	0	0	00:00	1	07:54	0	0	0
OTHER GAS/NAPTHA/DIESEL	22	0	0	0	00:00	0	10:46	-	-	-
Total GAS/NAPTHA/DIESEL	709	0	0	-	-	-	-	0	0	0
WIND	70	0	0	29	00:00	0	-	0.69	0.69	29
SOLAR	1,988	0	0	57	00:00	0	-	1.36	1.36	57
OTHERS	20	0	0	11	00:00	0	-	0.26	0.26	11
Total KER	4,921	1,404	1,474	-	-	-	-	31.43	31.38	1,309

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	1,114	1,008	1,148	19:13	935	14:09	24.6	22.32	930
NCTPS STG3(Infirm - 800 MW)	0	0	0	0	00:00	0	-	0	0	0
NORTH CHENNAI TPS STG-II(2 * 600)	1,200	715	619	794	06:56	586	08:50	17.07	15.69	654
NORTH CHENNAI TPS(3 * 210)	630	30	102	111	12:10	5	17:54	2.45	1.91	80
OPG PGPL	414	0	0	224	00:00	0	-	5.93	5.37	224
SEPC(1 * 525)	525	495	273	506	18:52	243	08:00	7.76	7.24	302
ST - CMS(1 * 250)	250	250	169	252	19:43	165	12:33	4.47	4.11	171
TUTICORIN(5 * 210)	1,050	254	266	286	07:53	124	16:43	5.47	4.84	202
Total THERMAL	5,509	2,858	2,437					67.75	61.48	2,563
KADAMPARAI (4 * 100)	400	0	0	102	13:01	2	06:50	0.77	0.76	32
KADAMPARAI (PUMP)(4 * 100)	400	0	0	17	00:00	0	-	0.42	0.42	18
OTHER HYDEL	1,826	711	488	711	05:52	50	07:44	16.49	16.34	681
Total HYDEL	2,226	711	488					17.68	17.1	713
BASIN BRIDGE (NAPTHA)(4 * 30)	120	0	0	0	00:00	0	06:51	0	0	0
KOVIL KALAPPAL (GAS)(1 * 37.8 + 1 * 70)	108	0	0	0	00:00	0	06:47	0	0	0
KUTTALAM (GAS)(1 * 37 + 1 * 64)	101	90	90	91	06:03	69	11:20	1.97	1.83	76
MADURAI POWER CL (DIESEL)(1 * 106)	106	0	0	0	00:00	0	07:44	0	0	0
P P NALLUR (NAPTHA)(1 * 330.5)	331	0	0	0	00:00	0	07:44	0	0	0
SAMALPATTY (DIESEL)(7 * 15.1)	106	0	0	0	00:00	0	07:44	0	0	0
VALATTUR(STG1&STG2)(1 * 32 + 1 * 35 + 2 * 60)	187	35	39	74	11:28	35	06:01	1.92	1.78	74
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	125	129					3.89	3.61	150
WIND	9,392	4,095	2,926	4,997	15:19	2,718	06:03	91.77	91.77	3,824
SOLAR	9,555	0	0	6,642	11:46	9	06:06	47.6	47.6	1,983
OTHERS	2,029	559	509	559	03:48	400	06:52	5.49	5.49	229
Total TN	30,132	8,348	6,489					234.18	227.05	9,462

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	1,381	1,349	2,359	18:48	1,331	06:40	33.71	31.81	1,325
NEYVELI TS I EXPN (2 * 210)	420	156	154	161	15:54	140	16:12	3.65	3.47	145
NEYVELI TS II(7 * 210)	1,470	552	601	630	07:09	537	15:46	16.71	13.33	555
NEYVELI TS II EXPN (2 * 250)	500	328	287	353	21:50	289	16:57	8.42	7.19	300
NNTPS(2 * 500)	1,000	937	948	968	22:13	530	16:46	20.4	18.12	755
NTPC-TELANGANA STPP(2*800)	1,600	682	897	691	20:00	0	-	18.25	16.58	691
RAMAGUNDAM(3 * 200 + 4 * 500)	2,600	1,341	862	1,443	22:10	637	08:53	26.76	24.39	1,016
SIMHADRI STAGE I(2 * 500)	1,000	824	518	875	06:26	480	15:00	16.44	15.12	630
SIMHADRI STAGE II(2 * 500)	1,000	864	544	947	00:14	2	16:56	17.3	16.34	681
TALCHER ST2(4 * 500)	2,000	1,322	1,362	1,435	11:48	417	17:00	31.53	29.47	1,228
Total THERMAL	13,990	8,387	7,522	-	-	-	-	193.17	175.82	7,326
KAIGA STG1(2 * 220)	440	196	192	423	15:07	183	09:50	-0.08	10.15	423
KAIGA STG2(2 * 220)	440	428	425	436	01:12	412	10:19	11.39	10.45	435
KUDANKULAM(2 * 1000)	2,000	1,018	1,021	1,027	00:53	981	10:39	24.59	23.03	960
MAPS(2 * 220)	440	0	0	0	00:00	25	16:05	0	0	0
Total NUCLEAR	3,320	1,642	1,638	-	-	-	-	35.9	43.63	1,818
Total ISGS	17,310	10,029	9,160					229.07	219.45	9,144

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	891	525	931	19:24	497	06:03	15.2	14.28	595
VALLUR TPS(3 * 500)	1,500	1,287	822	1,403	22:14	734	07:57	24.71	22.76	948
Total THERMAL	2,500	2,178	1,347	-	-	-	-	39.91	37.04	1,543
Total JOINT_VENTURE	2,500	2,178	1,347					39.91	37.04	1,543

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	771	576	804	07:32	496	10:48	16.3	15.04	627
IL&FS(2 * 600)	1,200	560	301	563	19:20	298	11:49	11.3	10.44	435
JINDAL POWER LIMITED (SIMHAPURI UNIT)(4 * 150)	600	544	301	547	19:44	202	11:22	8.21	7.4	308
MEENAKSHI ENERGY LTD STAGE1(2 * 150)	300	0	0	0	00:00	54	09:24	0	0	0
MEENAKSHI ENERGY LTD STAGE2(2 * 350)	700	0	0	294	00:00	0	-	7.74	7.06	294
SEIL P1(2 * 660)	1,320	1,191	1,016	1,247	19:21	513	11:30	24.11	22.7	946
SEIL P2 UNIT-1(1 * 660)	660	615	620	631	17:44	334	12:33	13.95	13.22	551
Total THERMAL	5,980	3,681	2,814	-	-	-	-	81.61	75.86	3,161
LKPPL ST2(1 * 133 + 1 * 233)	366	0	0	0	00:00	3	09:52	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	3,681	2,814					81.61	75.86	3,161

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	32	74	82	17:20	30	10:21	0.98	0.98	41
GADAG_RSPPL_W	175	203	90	106	20:00	185	16:35	2.54	2.54	106
GADAG_VENA_W	133	37	116	58	20:00	0	-	1.38	1.38	58
GREEN INFRA(1 * 249.90)	250	231	121	242	18:41	91	06:57	4.31	4.31	180
HIRIYUR_OSTRO(1 *300.3)	300	0	0	145	00:00	0	07:47	3.48	3.48	145
HIRIYUR_ZREPL_W	66	48	35	48	20:00	0	-	0.77	0.77	32
JSW RENEW ENERGY TWO LTD	300	260	76	282	18:29	15	08:58	3.5	3.5	146
KARUR_JSWRENEW_W	162	144	100	144	20:00	0	-	3.03	3.03	126
KARUR_JSWRETWO_W	150	85	68	85	20:00	0	-	1.92	1.92	80
KOPPAL_AYANASIX_W	300	127	121	127	20:00	0	-	2.47	2.47	103
KOPPAL_KLEIO_W	101	0	0	23	00:00	0	-	0.56	0.56	23
KOPPAL_RENEWOJAS_W	319	0	131	281	20:42	48	09:14	2.76	2.76	115
KOPPAL_RENEWROSHNI_W	291	204	76	245	19:13	29	08:57	2.3	2.3	96
KURNOOL_AMGREEEN_W	304	0	0	128	00:00	0	10:46	3.08	3.08	128
MYTRA(1 * 250)	250	195	111	221	17:31	65	09:52	3.61	3.61	150
ORANGE(1 * 200)	200	154	79	180	17:51	63	06:51	2.86	2.86	119
PGLR_SAUPL_W	53	0	23	30	03:00	0	-	0.72	0.72	30
PGLR_SREPL(1 * 300)	300	234	127	243	18:40	98	06:49	3.68	3.68	153
TUTICORINJSWRENEWW(1 * 51.3)	540	281	189	317	20:00	0	-	7.6	7.6	317
VIVID SOLAIRE (BEETAM)(1 * 220)	220	205	137	220	18:19	104	10:02	3.9	3.9	163
Total RENEWABLE_WIND	4,469	2,440	1,674					55.45	55.45	2,311

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	11:35	1	06:06	1.16	1.16	97
ANP_ATHENA BIWADI(1 * 50)	50	0	0	49	09:46	0	06:00	0.23	0.23	19
ANP_ATHENA HISAR(1 * 50)	50	0	0	45	09:59	0	06:07	0.24	0.24	20
ANP_ATHENA KARNAL(1 * 50)	50	0	0	42	09:38	0	06:07	0.23	0.23	19
ANP_AYANA(1 * 250)	250	0	0	257	12:15	1	06:06	1.21	1.21	101
ANP_AZURE(1 * 50)	50	0	0	43	11:23	0	06:17	0.21	0.21	18
ANP_IGS1(1 * 50)	50	0	0	42	09:50	29	12:15	0.22	0.22	18
ANP_IGS2(1 * 50)	50	0	0	51	12:19	0	06:00	0.24	0.24	20
ANP_NTPC(5 * 50)	250	0	0	158	12:19	1	17:55	0.73	0.73	61
ANP_TATA(2 * 50)	100	0	0	73	09:49	0	06:00	0.38	0.38	32
SPRING ANG ITRA(1 * 250)	250	0	0	225	11:48	0	06:10	1.23	1.23	103
PAVAGADA										
PVG_ADYAH(6 * 50)	300	0	0	64	00:00	0	10:51	1.53	1.53	128
PVG_AMPLUS PAVAGADA(1 * 50)	50	0	0	51	13:52	1	06:00	0.27	0.27	23
PVG_AMPLUS TUMKUR(1 * 50)	50	0	0	51	13:44	1	06:00	0.27	0.27	23
PVG_AVAADA SOLAR(3 * 50)	150	0	0	137	15:00	1	06:00	0.77	0.77	64
PVG_AVAADA SOLARISE(3 * 50)	150	0	0	145	13:28	1	06:00	0.7	0.7	58
PVG_AZURE POWER EARTH (2 * 50)	100	0	0	75	13:34	1	06:00	0.45	0.45	38
PVG_FORTUM FIN SURYA(2 * 50)	100	0	0	90	13:41	1	06:00	0.48	0.48	40
PVG_IRCON_S	225	0	0	69	00:00	0	-	1.66	1.66	138
PVG_KREDL(1 * 50)	50	0	0	40	10:58	1	06:00	0.24	0.24	20
PVG_PARAMPUJYA(3 * 50)	150	0	0	108	13:14	1	06:00	0.69	0.69	58
PVG_RENEW TN2(1 * 50)	50	0	0	46	12:20	1	06:00	0.26	0.26	22
PVG_SBG ENERGY(4 * 50)	200	0	0	189	13:34	0	06:00	1.04	1.04	87
PVG_SPRING SOLAR INDIA(5 * 50)	250	0	0	191	12:01	1	06:00	1.33	1.33	111
PVG_TATA RENEWABLES(8 * 50)	400	0	0	285	14:18	1	06:00	1.9	1.9	158
PVG_YARROW(1 * 50)	50	0	0	47	12:23	1	06:00	0.28	0.28	23
OTHER										
GADAG_SERENTICA3_S	69	0	0	18	00:00	0	-	0.42	0.42	35
GADAG_VENA_S	31	0	0	9	00:00	0	-	0.21	0.21	18
GRT(1 * 150)	150	0	0	152	12:08	0	06:02	1.14	1.14	95
KOPPAL_KLEIO_S	105	0	0	18	00:00	0	-	0.44	0.44	37
KOPPAL_RENEWOJAS_S	81	0	0	21	00:00	0	10:46	0.5	0.5	42
KOPPAL_SRI1PL_S	188	0	0	36	00:00	0	-	0.87	0.87	73
KURNOOL_AMGREEN_S	599	0	0	100	00:00	0	-	2.39	2.39	199
NTPC ETTAYAPURAM SOLAR PLANT	230	0	0	249	12:02	0	06:00	1.68	1.68	140
RAMANGUNDAM (SOLAR)(1 * 100)	100	0	0	94	11:29	0	17:59	0.55	0.55	46
SIMHADRI (SOLAR)(1 * 25)	25	0	0	16	11:04	0	17:50	0.1	0.1	8
Total	5,253	0	0					26.25	26.25	2,192

Total ISGS IPP Thermal	22,470	14,246	11,683					314.69	288.72	
STATE THERMAL	28,342	16,921	13,328					375.03	344.46	
Total CPP Import										
Total ISGS & IPP Hydro										
HYDEL	13,487	7,535	6,459	-	-	-	-	161.85	160.87	
GAS/NAPTHA/DIESEL	6,826	125	129	-	-	-	-	9.91	9.67	
NUCLEAR	3,320	1,661	1,654	-	-	-	-	35.9	43.64	
WIND	23,583	9,623	7,384	-	-	-	-	204.38	204.38	
SOLAR	30,643	0	0	-	-	-	-	127.86	127.86	
OTHERS	4,752	710	677	-	-	-	-	25.81	25.81	

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	476	498	-	451	0	11.76	-11.76
3	765KV-SRIKAKULAM-ANGUL	547	721	2,359	-	18.38	0	18.38
4	HVDC500KV-TALCHER-KOLAR_DC	1,333	1,235	1,334	-	30.41	0	30.41
	Sub-Total EAST REGION	2,356	2,454	3,693	451	48.79	11.76	37.03
	Import/Export between SOUTH REGION and WEST REGION							
1	220KV-AMBEWADI-PONDA	0	0	-	-	0	0	0
2	220KV-AMBEWADI-XELDEM	94	80	-	103	0	1.9	-1.9
3	220KV-CHIKKODI-MUDASANGI	0	0	0	-	-	-	-
4	220KV-CHIKKODI-TALANGADE	-	-	-	-	-	-	-
5	220KV-LOWER_SILERU-BARSUR	-	-	-	-	-	-	-
6	400KV-BHADRAVTAHI-RAMAGUNDAM	310	923	925	-	0	13.49	-13.49
7	400KV-KUDGI_PG-KHOLAPUR_PG	1,875	1,856	-	2,222	0	43.89	-43.89
8	765KV-NIZAMABAD-WARDHA	547	302	-	1,502	0	1.34	-1.34
9	765KV-RAICHUR_PG-SHOLAPUR	2,092	2,003	-	3,165	0	41.34	-41.34

10	765KV-WARANGAL(NEW)-WARORA	293	199	958	0	0	0.55	-0.55
11	HVDC800KV-RAIGARH HVDC-PUGALUR HVDC	469	275	-	548	15.84	0	15.84
Sub-Total WEST REGION		5,680	5,638	1,883	7,540	15.84	102.51	-86.67
TOTAL IR EXCHANGE		8,036	8,092	5,576	7,991	64.63	114.27	-49.64

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	15.85	-4.57	0	0.03	0	0	-24.48	7.555	32.035
SR-WR	1.58	-21.68	3.41	-23.26	0	3.41	-40.85	-86.672	-45.822
Total	17.43	-26.25	3.41	-23.23	0	3.41	-65.33	-79.117	-13.787

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	1.863	81.146	56.597	16.991

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

Maximum		Minimum		Average	Freq Variation	Standard	Freq. in 15 mnt blk	
Frequency	Time	Frequency	Time	Frequency	Index	Deviation	Max.	Min.
50.129	06:01:50	49.864	17:42:00	50.005	0.023	0.047	50.08	49.91

6.Voltage Profile: 400kV

	Maximum		Minimum		Voltage (in %)			
STATION	VOLTAGE	TIME	VOLTAGE	TIME	< 380	< 390	> 420	> 430
GHANAPUR - 400KV	423	23:58	408	09:52	0	0	37.708	0
GOOTY - 400KV	423	02:56	401	09:50	0	0	17.431	0
HIRIYUR - 400KV	430	03:00	400	09:53	0	0	32.847	0
KAIGA - 400KV	417	02:58	394	09:49	0	0	0	0
KOLAR_AC - 400KV	429	03:03	393	09:23	0	0	24.861	0
KUDANKULAM - 400KV	414	03:01	394	11:41	0	0	0	0
SHANKARAPALLY - 400KV	416	00:20	406	11:05	0	0	0	0
SOMANAHALLI - 400KV	424	02:57	389	09:48	0	3.403	18.542	0
SRIPERUMBADUR - 400KV	418	03:05	395	09:52	0	0	0	0
TRICHY - 400KV	416	21:29	395	11:41	0	0	0	0
TRIVANDRUM - 400KV	421	02:55	397	11:41	0	0	2.292	0
VIJAYAWADA - 400KV	418	23:52	388	20:59	0	.208	0	0

6.1 Voltage Profile: 220kV

	Maximum		Minimum		Voltage (in %)			
STATION	VOLTAGE	TIME	VOLTAGE	TIME	< 198	< 210	> 235	> 245
GHANAPUR - 220KV	236	23:58	224	12:00	0	0	15.417	0
GOOTY - 220KV	230	02:44	219	09:54	0	0	0	0
HIRIYUR - 220KV	229	03:00	211	09:48	0	0	0	0
KAIGA - 220KV	235	02:58	221	09:58	0	0	.694	0
KOLAR_AC - 220KV	235	03:01	214	10:57	0	0	0	0
SOMANAHALLI - 220KV	230	02:56	207	11:19	0	15.833	0	0
SRIPERUMBADUR - 220KV	0	00:00	0	00:00	N/A	N/A	N/A	N/A
TRICHY - 220KV	231	23:23	214	11:43	0	0	0	0
TRIVANDRUM - 220KV	232	03:01	218	11:26	0	0	0	0
VIJAYAWADA - 220KV	231	01:10	227	09:13	0	0	0	0

6.2 Voltage Profile: 765kV

	Maximum		Minimum		Voltage (in %)			
STATION	VOLTAGE	TIME	VOLTAGE	TIME	< 720	< 750	> 780	> 800
KURNOOL - 765KV	789	04:00	762	09:50	0	0	47.36	0
NIZAMABAD - 765KV	801	17:02	775	07:17	0	0	92.57	21.94
RAICHUR_PG - 765KV	791	03:45	766	09:49	0	0	53.26	0
SRIKAKULAM - 765KV	799	22:25	771	07:20	0	0	84.03	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	1,444	0	1,293	6.54	7	152.82	164.54
IDUKKI	694.94	732.43	2,148	725.55	1,625	723.61	1,489	9.01	9.01	159.45	201.96
JALAPUT	818.39	838.4	534	837.77	512	837.5	498	2.3	1.93	54.4	42.66
N.SAGAR	155.45	179.9	1,398	178.95	956	179.65	982	19.1	19.75	985.18	413.25
SRISAILAM	243.84	270.7	1,392	269.29	980	267.19	782	5.96	31.11	1,263.46	678.2
SUPA	495	564	3,159	559.8	2,779	562.75	3,043	0.02	11.97	143.12	300.39
LINGANAMAKKI	522.73	554.5	4,557	553.62	4,292	553.99	4,412	0.02	17.25	342.2	380.63
KAKKI	908.3	981.45	916	975.29	692	970.28	556	2.98	4.95	77.07	108.7
TOTAL	-	-	15,608	-	13,280	-	13,055	45.93	109.28	3,177.7	2,391.65

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	-208.81	-8.4	56.24	0	108.61	0	0	0	0	0	0	0	0
KARNATAKA	-629.77	-90.27	13.45	0	-37.4	0	0	0	0	0	0	0	0
KERALA	-246	0	-9.5	0	144	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	0	0	-12	0	0	0	0	0	0	0	0
TAMILNADU	-25	0	185.66	0	-196.21	0	0	0	0	0	0	0	0
TELANGANA	-39.17	0	-114.11	0	-705.5	0	0	0	0	0	0	0	0
TOTAL	-1,148.75	-98.67	131.74	0	-698.5	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	-200.49	-8	-114.7	0	168.64	0	0	0	116	0	0	0	0
KARNATAKA	-833.87	-64.12	-76.75	0	-116.17	0	0	0	-200	0	0	0	0
KERALA	-96	0	33.06	0	655.63	0	0	0	0	0	0	0	0
PONDICHER ..	0	0.53	4.18	0	7.94	0	0	0	0	0	0	0	0
TAMILNADU	1,498.63	0.8	107.59	0	-107.7	0	0	0	0	0	0	0	0
TELANGANA	-116.75	0	-2,321.81	0	1,720.05	0	0	0	0	0	0	0	0
TOTAL	251.52	-70.79	-2,368.43	0	2,328.39	0	0	0	-84	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	34.12	-4.27	0.97	1.62	0	3.76	36.2
KARNATAKA	57.46	-14.84	-1.82	0.48	0	-0.92	40.36
KERALA	45.31	-3.04	0.34	0.72	0	11.04	54.37
PONDICHERRY	9.13	0.13	0.01	0.04	0	-0.23	9.08
TAMILNADU	136.35	9.11	2.18	-10.08	0	-16.17	121.39
TELANGANA	67.87	-0.29	1.57	-15.22	0	7.02	60.95
TOTAL	350.24	-13.2	3.25	-22.44	0	4.5	322.35

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	2,090.2	914.84	-131.09	-209.8	134.83	-8.6	0	0	0	0	295.73	-381.47	0	0
KARNATAKA	3,897.07	1,230.93	-426.82	-842.77	20.67	-182.56	0	-9.53	0	0	504.05	-108.25	0	-20
KERALA	2,482.58	1,562.53	-66.33	-292	37.22	0	0	0	0	0	284.09	-10	0	0
PONDICHERRY	426.76	323.74	14.02	0	29	0	0	0	0	0	26.32	0	0	0
TAMILNADU	6,945.75	4,109.26	1,593.25	-25	252.02	0	0	0	0	0	803.94	-1912.01	0	0
TELANGANA	3,881.59	2,286.08	106.52	-116.75	216.44	0	0	0	0	0	1145.35	-3671.81	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	898.26	-200.17	116	0	0	0
KARNATAKA	0	-20	0	0	0	0	0	0	13.77	-331.77	0	-200	0	0
KERALA	0	0	0	0	0	0	0	0	928.03	47.34	0	0	0	0
PONDICHER ..	0	0	0	0	0	0	0	0	29	-84	0	0	0	0
TAMILNADU	0	0	0	0	0	0	0	0	123.61	-2,428.42	0	0	0	0
TELANGANA	0	0	0	0	0	0	0	0	1,760.12	-1,304.7	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 :

400KV-YEDULA - MEHBOOBNAGAR-1 & 2 first time charged at 14:44 & 15:00 hrs respectively

11.Significant events (If any):

Nil

12.Constraints and instances of congestion in the transmission system

1) 400kV Somanahalli Mylasandra S/C line availed S/D on 03.08.2025/15:38Hrs for construction related works associated with the upcoming 400kV Dommasandra (New) substation, for a period of four months. Expected revival on 31.12.2025.
2) KUDANKULAM U#1(1000 MW) shutdown taken from 01.08.2025 for refueling. The unit is expected to be synchronized back to the grid by September 25, 2025.
3) 400KV-CUDDAPAH-CHITTOOR-1 availed S/D on 09.09.2025/09:29Hrs for NHAI line diversion works. Expected revival by 25.09.25.
4) 400KV-NCTPS_STAGE_II-SUNGAVARACHATRAM-1 availed S/D on 14.09.2025/10:25 hrs for Relocation of Sungavarchatram 1 & 2 feeders with tower erection of AP9 (TNRDC works).
5) 400KV-NCTPS_STAGE_II-SUNGAVARACHATRAM-2 availed S/D on 07.09.2025/10:27 hrs for providing of loop jumper between 400KV Manali- sungavarchatram I feeder at loc 50 (TNRDC works).

13. Weather Condition:

Andhra Pradesh:Light rains reported in Vizag,Srikakulam,Vizanagaram,Anakapalli,Kakinada areas.
Karnataka:Moderate rains reported in Bangalore and surroundings and Light rains reported in North part of the state.
Tamilnadu:Light rains reported in Vellalvidadi area.
Telengana:Heavy rains reported in Hydrabad area.

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	7	1	0	0	0	0	0	0
KARNATAKA	0	0	0	0	3	0	0	0	0	0	0	0
KERALA	0	1	0	0	0	0	0	0	0	0	0	0
TAMILNADU	1	0	0	0	1	0	0	0	1	3	0	0
PONDICHERRY	0	0	0	0	0	0	0	0	0	0	0	0
TELANGANA	1	0	0	0	13	14	0	0	0	0	0	0

REMARKS:

Shift In Charge