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

Power Supply Position in Southern Region For 25-Sep-2025

Date of Reporting:26-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 #
46,944	0	46,944	50.05	39,852	0	39,852	50.02	1,128.52	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	106.67	24.25	0	36.69	16.22	3.14	23.76	21.81	-1.95	210.74	208.79	0
KARNATAKA	66.45	47.47	5.56	35.85	28.8	14.49	41.04	38.05	-2.99	239.66	236.68	0
KERALA	0	29.44	0	0.68	0.9	0.29	55	54.26	-0.74	86.32	85.58	0
PONDICHERRY	0	0	0.53	0	0.06	0	9.6	9.21	-0.39	10.19	9.8	0
TAMILNADU	68.94	21.56	3.17	83.35	39.2	4.38	152.03	148.78	-3.26	372.63	369.37	0
TELANGANA	105.7	39.48	0	1.17	8.4	4.92	52.99	52.72	-0.27	212.66	212.38	0
Region	347.76	162.2	9.26	157.74	93.58	27.22	334.42	324.83	-9.6	1,132.2	1,122.6	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	9,326	0	9,326	8,030	0	8,030	8,798	214	-5.21
KARNATAKA	9,290	0	9,290	6,871	0	6,871	9,838	237.63	-0.95
KERALA	4,238	0	4,238	3,075	0	3,075	3,485	86.89	-1.31
PONDICHERRY	440	0	440	386	0	386	399	10.4	-0.6
TAMILNADU	15,642	0	15,642	13,640	0	13,640	15,918	371	-1.63
TELANGANA	8,008	0	8,008	7,850	0	7,850	9,078	205	7.38
Region	46,944	0	46,944	39,852	0	39,852	47,516	1,124.92	-2.32

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	9,625	18:56	0	9,625	9,625	18:56	0	9,625	795.48	09:03	-506.74	16:30
KAR	12,578	10:00	0	12,578	12,578	10:00	0	12,578	673.51	22:49	-403.18	00:16
KER	4,329	18:30	0	4,329	4,329	18:34	0	4,329	487.46	10:48	-236.58	13:55
PONDY	464	18:15	0	464	464	18:15	0	464	241.69	20:48	-72.06	23:00
TN	17,142	11:00	0	17,142	17,142	11:00	0	17,142	1,671.42	15:02	-1,091.63	13:26
TG	11,029	08:51	0	11,029	11,029	08:51	0	11,029	452.53	06:02	-452.32	14:23
Region	52,619	09:52:30	0	52,619	52,619	09:52:30	0	52,619	2,525.62	19:00	-1,887.18	13:26

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	910	582	969	17:38	568	07:17	16.04	15.04	627
KRISHNAPATTANAM (3 * 800)	2,400	1,481	1,122	1,501	20:04	1,136	06:05	31.83	29.75	1,240
RAYALASEEMA TPP(1 * 600 + 5 * 210)	1,650	1,159	993	1,271	21:52	890	09:28	25.93	23.24	968
SEIL P2 UNIT-2(1 * 660)	660	630	339	634	21:04	339	12:15	12.78	12.07	503
VIJAYAWADA TPS(1 * 800 + 1 * 500 + 6 * 210)	2,560	1,029	1,215	1,328	00:02	939	15:36	29.85	26.57	1,107
OTHER THERMAL	0	0	0	0	00:00	0	-	-	-	-
Total THERMAL	8,310	5,209	4,251	-	-	-	-	116.43	106.67	4,445
HAMPI	36	0	0	25	00:00	0	-	0.59	0.59	25
LOWER SILERU(4 * 115)	460	13	13	148	06:06	13	06:06	3.57	3.55	148
SRISAILAM RBPH(7 * 110)	770	631	628	637	21:31	617	10:20	15.13	15.09	629
UPPER SILERU(4 * 60)	240	0	80	198	19:16	1	09:51	0.94	0.94	39
OTHER HYDEL	431	157	437	437	00:00	0	-	4.09	4.08	170
Total HYDEL	1,937	801	1,158	-	-	-	-	24.32	24.25	1,011
GAUTAMI CCPP(1 * 174 + 2 * 145)	464	0	0	0	00:00	0	06:06	0	0	0
GMR (BARG)(1 * 237)	237	0	0	0	00:00	0	06:06	0	0	0
JEGURUPADU (GAS)(1 * 49.9 + 1 * 75.5 + 2 * 45.8)	217	0	0	0	00:00	0	06:06	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	06:06	0	0	0
LANCO (GAS)(1 * 121 + 2 * 115)	351	0	0	0	00:00	0	06:06	0	0	0
RELIANCE ENERGY LTD. (GAS)(1 * 140 + 1 * 80)	220	0	0	0	00:00	0	06:06	0	0	0
SPECTRUM (GAS)(1 * 46.8 + 1 * 68.8 + 2 * 46.1)	208	0	0	0	00:00	0	06:06	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	06:06	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	1,679	2,148	2,172	02:44	897	17:59	36.69	36.69	1,529
SOLAR	3,356	0	0	2,218	10:52	12	06:05	16.22	16.22	676
OTHERS	619	98	91	131	06:06	88	06:06	3.14	3.14	131
Total AP	21,342	7,787	7,648	-	-	-	-	196.8	186.97	7,792

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	865	569	928	20:25	555	13:04	16.67	14.9	621
KAKATIYA ST1&ST2(1 * 500 + 1 * 600)	1,100	887	984	1,032	07:26	588	12:28	22.5	21.3	888
KOTHAGUDEM TPS(1 * 500 + 1 * 800 + 2 * 250)	1,800	1,495	1,006	1,571	22:55	979	11:03	30.5	28.52	1,188
RAMAGUNDAM-B(1 * 62.5)	63	0	0	0	00:00	0	06:06	0	0	0
SINGARENI TPS(2 * 600)	1,200	1,175	860	1,194	19:05	643	13:38	22.21	20.76	865
YADADRI(2 * 800)	1,600	926	0	958	19:52	847	15:42	21.83	20.23	843
Total THERMAL	6,843	5,348	3,419					113.71	105.71	4,405
NAGARJUNA SAGAR(1 * 110 + 7 * 100.8)	816	807	811	827	23:09	799	07:58	19.77	19.7	821
NAGARJUNA SAGAR (PUMP)(1 * 110 + 7 * 100.8)	816	0	0	0	00:00	0	-	0	0	0
SRISAILAM LBPH(6 * 150)	900	708	703	714	20:50	700	09:43	16.9	16.87	703
SRISAILAM LBPH(PUMP)(6 * 150)	900	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	957	118	119	121	00:00	0	06:06	2.93	2.91	121
Total HYDEL	2,673	1,633	1,633					39.6	39.48	1,645
WIND	128	0	0	49	00:00	0	-	1.17	1.17	49
SOLAR	3,818	0	0	1,394	11:04	11	06:08	8.4	8.4	350
OTHERS	252	0	0	205	00:00	0	-	4.92	4.92	205
Total TG	13,714	6,981	5,052					167.8	159.68	6,654

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	802	537	841	06:13	510	13:04	16.43	15.3	638
JINDAL(2 * 130 + 4 * 300)	1,460	0	0	181	18:56	0	-	19.42	17.82	43
JINDAL (EXCL. CAPTIVE CONSUMPTION)(2 * 130 + 4 * 300)	1,460	109	64	181	18:56	0	06:12	1.04	1.04	43
RAICHUR TPS(1 * 250 + 7 * 210)	1,720	957	742	959	20:01	732	12:54	21.86	19.54	814
UPCL(2 * 600)	1,200	547	304	567	18:55	278	08:00	9.13	8.48	353
YERAMARAS TPS(2 * 800)	1,600	1,196	853	1,234	21:23	800	09:44	24.2	22.1	921
Total THERMAL	7,680	3,611	2,500	-	-	-	-	72.66	66.46	2,069
NAGJHERI(1 * 135 + 5 * 150)	885	707	535	712	18:37	198	13:04	11.64	11.4	475
SHARAVATHI(10 * 103.5)	1,035	671	868	880	07:13	297	17:52	15.76	15.64	652
VARAHI UGPH(4 * 115)	460	220	118	452	19:10	45	07:40	3.69	3.62	151
OTHER HYDEL	2,137	1,039	873	1,039	00:32	587	06:04	16.8	16.8	700
Total HYDEL	4,517	2,637	2,394	-	-	-	-	47.89	47.46	1,978
OTHER GAS/NAPTHA/DIESEL	126	0	0	232	00:00	1	06:06	5.56	5.56	232
Total GAS/NAPTHA/DIESEL	126	0	0	-	-	-	-	5.56	5.56	232
WIND	5,440	1,883	1,345	2,075	23:34	975	07:57	35.85	35.85	1,494
SOLAR	6,571	0	0	4,149	12:51	2	06:04	28.8	28.8	1,200
OTHERS	1,832	93	96	1,804	16:01	73	14:00	14.49	14.49	1,804
Total KAR	26,166	8,224	6,335	-	-	-	-	205.25	198.62	8,777

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	575	490	642	21:39	57	11:02	8.95	8.92	372
LOWER PERIYAR (3 * 60)	180	136	106	166	23:39	0	11:12	2.2	2.19	91
SABARIGIRI(2 * 60 + 4 * 55)	340	104	228	229	17:51	102	15:01	4.78	4.76	198
OTHER HYDEL	834	627	541	627	06:06	249	07:34	13.58	13.58	566
Total HYDEL	2,134	1,442	1,365	-	-	-	-	29.51	29.45	1,227
BRAHMAPURAM DGPP (DIESEL)(3 * 21.32)	64	0	0	0	00:00	4	10:32	0	0	0
BSES (NAPTHA)(1 * 35.5 + 3 * 40.5)	157	0	0	0	00:00	0	06:06	-	-	-
KOZHIKODE DPP (DIESEL)(6 * 16)	96	0	0	0	00:00	0	06:06	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	07:43	0	0	0
OTHER GAS/NAPTHA/DIESEL	22	0	0	0	00:00	0	06:06	-	-	-
Total GAS/NAPTHA/DIESEL	709	0	0	-	-	-	-	0	0	0
WIND	70	0	0	28	00:00	0	-	0.68	0.68	28
SOLAR	1,988	0	0	38	00:00	0	-	0.9	0.9	38
OTHERS	20	0	0	12	00:00	0	-	0.29	0.29	12
Total KER	4,921	1,442	1,365	-	-	-	-	31.38	31.32	1,305

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	840	1,061	1,075	06:04	706	09:37	21.21	19.38	808
NCTPS STG3(Infirm - 800 MW)	0	0	0	0	00:00	0	-	0	0	0
NORTH CHENNAI TPS STG-II(2 * 600)	1,200	731	737	763	17:47	648	10:52	19.04	17.63	735
NORTH CHENNAI TPS(3 * 210)	630	107	104	130	15:23	97	10:49	3.18	2.38	99
OPG PGPL	414	0	0	239	00:00	0	-	6.34	5.75	240
SEPC(1 * 525)	525	490	492	509	17:27	253	06:00	11.89	11.28	470
ST - CMS(1 * 250)	250	249	248	251	20:20	165	11:08	5.59	5.14	214
TUTICORIN(5 * 210)	1,050	307	333	341	01:10	0	08:31	8.26	7.38	308
Total THERMAL	5,509	2,724	2,975					75.51	68.94	2,874
KADAMPARAI (4 * 100)	400	0	0	101	18:07	3	06:04	0.3	0.3	13
KADAMPARAI (PUMP)(4 * 100)	400	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	1,826	984	734	984	00:11	196	09:15	21.46	21.27	886
Total HYDEL	2,226	984	734					21.76	21.57	899
BASIN BRIDGE (NAPTHA)(4 * 30)	120	0	0	0	00:00	0	06:04	0	0	0
KOVIL KALAPPAL (GAS)(1 * 37.8 + 1 * 70)	108	0	0	0	00:00	0	06:08	0	0	0
KUTTALAM (GAS)(1 * 37 + 1 * 64)	101	65	61	72	10:31	61	16:00	1.49	1.38	58
MADURAI POWER CL (DIESEL)(1 * 106)	106	0	0	0	00:00	0	06:06	0	0	0
P P NALLUR (NAPTHA)(1 * 330.5)	331	0	0	0	00:00	0	06:06	0	0	0
SAMALPATTY (DIESEL)(7 * 15.1)	106	0	0	0	00:00	0	06:06	0	0	0
VALATTUR(STG1&STG2)(1 * 32 + 1 * 35 + 2 * 60)	187	35	37	74	10:47	34	17:58	1.92	1.79	75
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	100	98					3.41	3.17	133
WIND	9,392	3,957	2,922	4,485	16:47	2,306	06:03	83.35	83.35	3,473
SOLAR	9,555	0	0	6,032	11:05	11	06:01	39.2	39.2	1,633
OTHERS	2,029	459	459	509	00:00	450	06:04	4.38	4.38	183
Total TN	30,132	8,224	7,188					227.61	220.61	9,195

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	1,447	1,369	2,406	18:27	1,333	07:43	34.84	32.45	1,352
NEYVELI TS I EXPN (2 * 210)	420	159	144	166	17:41	139	12:23	3.56	3.35	140
NEYVELI TS II(7 * 210)	1,470	759	696	822	17:20	629	08:57	20.56	16.72	697
NEYVELI TS II EXPN (2 * 250)	500	263	328	359	17:41	188	13:47	8.57	7.24	302
NNTPS(2 * 500)	1,000	727	882	926	00:48	454	12:28	18.93	16.77	699
NTPC-TELANGANA STPP(2*800)	1,600	1,411	883	1,411	20:00	0	-	27.71	25.75	1,073
RAMAGUNDAM(3 * 200 + 4 * 500)	2,600	1,843	942	1,939	20:57	1,059	08:54	33.39	30.26	1,261
SIMHADRI STAGE I(2 * 500)	1,000	854	529	871	06:31	487	07:42	16.53	15.16	632
SIMHADRI STAGE II(2 * 500)	1,000	900	557	972	17:56	502	11:16	17.27	16.05	669
TALCHER ST2(4 * 500)	2,000	1,248	1,293	1,308	03:28	388	16:35	30.01	28.01	1,167
Total THERMAL	13,990	9,611	7,623	-	-	-	-	211.37	191.76	7,992
KAIGA STG1(2 * 220)	440	195	191	199	09:35	185	15:03	5.3	4.78	199
KAIGA STG2(2 * 220)	440	427	426	436	18:57	416	10:14	11.38	10.45	435
KUDANKULAM(2 * 1000)	2,000	1,024	1,018	1,027	00:01	1,006	10:05	24.55	23.03	960
MAPS(2 * 220)	440	0	0	0	00:00	27	10:50	0	0	0
Total NUCLEAR	3,320	1,646	1,635	-	-	-	-	41.23	38.26	1,594
Total ISGS	17,310	11,257	9,258					252.6	230.02	9,586

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	893	529	950	18:33	490	07:39	15.76	14.87	620
VALLUR TPS(3 * 500)	1,500	884	597	945	17:42	0	17:43	16.68	14.95	623
Total THERMAL	2,500	1,777	1,126	-	-	-	-	32.44	29.82	1,243
Total JOINT_VENTURE	2,500	1,777	1,126					32.44	29.82	1,243

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	835	716	872	06:24	514	12:08	18.33	16.98	708
IL&FS(2 * 600)	1,200	558	543	561	19:30	296	11:27	12.61	11.74	489
JINDAL POWER LIMITED (SIMHAPURI UNIT)(4 * 150)	600	547	332	549	19:14	198	12:15	8.9	8.14	339
MEENAKSHI ENERGY LTD STAGE1(2 * 150)	300	0	0	0	00:00	55	11:46	0	0	0
MEENAKSHI ENERGY LTD STAGE2(2 * 350)	700	0	0	59	00:00	0	-	1.74	1.42	59
SEIL P1(2 * 660)	1,320	1,248	1,208	1,262	17:50	505	15:56	23.53	22.14	923
SEIL P2 UNIT-1(1 * 660)	660	627	577	631	23:20	302	13:07	13.49	12.78	533
Total THERMAL	5,980	3,815	3,376	-	-	-	-	78.6	73.2	3,051
LKPPL ST2(1 * 133 + 1 * 233)	366	0	0	0	00:00	3	16:30	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	3,815	3,376					78.6	73.2	3,051

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	58	60	81	21:39	22	17:59	1.23	1.23	51
GADAG_RSPPL_W	175	177	78	119	20:00	212	17:58	2.86	2.86	119
GADAG_VENA_W	133	74	96	83	20:00	0	-	1.98	1.98	83
GREEN INFRA(1 * 249.90)	250	148	83	240	14:36	25	06:20	2.79	2.81	117
HIRIYUR_OSTRO(1 *300.3)	300	0	0	0	00:00	0	11:45	0	0	0
HIRIYUR_ZREPL_W	66	35	35	136	20:00	0	-	3.27	3.27	136
JSW RENEW ENERGY TWO LTD	300	242	167	284	21:25	218	13:03	5.85	5.85	244
KARUR_JSWRENEW_W	162	140	98	140	20:00	0	-	1.94	1.94	81
KARUR_JSWRETWO_W	150	84	82	108	20:00	0	-	2.59	2.59	108
KOPPAL_AYANASIX_W	300	231	90	231	20:00	0	-	1.22	1.22	51
KOPPAL_KLEIO_W	101	0	0	20	00:00	0	-	0.48	0.48	20
KOPPAL_RENEWOJAS_W	319	0	132	236	21:22	96	17:56	3.75	3.75	156
KOPPAL_RENEWROSHNI_W	291	170	56	227	17:44	55	06:00	2.37	2.37	99
KURNOOL_AMGREEEN_W	304	0	0	178	00:00	0	06:06	4.28	4.28	178
MYTRA(1 * 250)	250	205	168	215	20:27	117	06:08	4.08	4.08	170
ORANGE(1 * 200)	200	119	46	180	14:29	15	06:24	2.1	2.1	88
PGLR_SAUPL_W	53	0	0	0	00:00	0	-	0	0	0
PGLR_SREPL(1 * 300)	300	228	126	247	20:42	134	11:43	3.72	3.72	155
TUTICORINJSWRENEWW(1 * 51.3)	540	302	290	302	20:00	0	-	5.92	5.92	247
VIVID SOLAIRE (BEETAM)(1 * 220)	220	181	120	222	19:11	38	06:29	3.36	3.36	140
Total RENEWABLE_WIND	4,469	2,394	1,727					53.79	53.81	2,243

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	250	09:57	0	06:00	1.65	1.65	138
ANP_ATHENA BIWADI(1 * 50)	50	0	0	52	12:54	0	06:00	0.33	0.33	28
ANP_ATHENA HISAR(1 * 50)	50	0	0	52	13:35	0	06:00	0.33	0.33	28
ANP_ATHENA KARNAL(1 * 50)	50	0	0	52	13:33	0	06:00	0.32	0.32	27
ANP_AYANA(1 * 250)	250	0	0	244	14:51	2	17:59	2.28	2.28	190
ANP_AZURE(1 * 50)	50	0	0	46	12:52	0	06:00	0.29	0.29	24
ANP_IGS1(1 * 50)	50	0	0	52	11:25	0	06:00	0.32	0.32	27
ANP_IGS2(1 * 50)	50	0	0	52	12:59	0	06:00	0.33	0.33	28
ANP_NTPC(5 * 50)	250	0	0	175	12:21	1	06:01	1.05	1.05	88
ANP_TATA(2 * 50)	100	0	0	96	11:32	0	06:00	0.56	0.56	47
SPRING ANG ITRA(1 * 250)	250	0	0	212	14:20	0	13:51	1.82	1.82	152
PAVAGADA										
PVG_ADYAH(6 * 50)	300	0	0	71	00:00	0	09:00	1.7	1.7	142
PVG_AMPLUS PAVAGADA(1 * 50)	50	0	0	52	11:46	2	17:36	0.3	0.3	25
PVG_AMPLUS TUMKUR(1 * 50)	50	0	0	53	13:17	3	17:36	0.3	0.3	25
PVG_AVAADA SOLAR(3 * 50)	150	0	0	150	13:09	3	17:59	0.83	0.83	69
PVG_AVAADA SOLARISE(3 * 50)	150	0	0	158	14:26	4	17:57	0.85	0.85	71
PVG_AZURE POWER EARTH (2 * 50)	100	0	0	76	12:45	3	17:50	0.47	0.47	39
PVG_FORTUM FIN SURYA(2 * 50)	100	0	0	98	14:10	2	17:58	0.53	0.53	44
PVG_IRCON_S	225	0	0	85	00:00	0	-	2.05	2.05	171
PVG_KREDL(1 * 50)	50	0	0	47	13:30	2	17:54	0.29	0.29	24
PVG_PARAMPUJYA(3 * 50)	150	0	0	128	13:22	4	17:53	0.72	0.72	60
PVG_RENEW TN2(1 * 50)	50	0	0	52	12:14	5	17:22	0.3	0.3	25
PVG_SBG ENERGY(4 * 50)	200	0	0	197	13:04	3	17:51	1.1	1.1	92
PVG_SPRING SOLAR INDIA(5 * 50)	250	0	0	218	14:57	8	17:49	1.21	1.21	101
PVG_TATA RENEWABLES(8 * 50)	400	0	0	313	15:03	16	17:37	1.86	1.86	155
PVG_YARROW(1 * 50)	50	0	0	50	13:19	4	17:33	0.29	0.29	24
OTHER										
GADAG_SERENTICA3_S	69	0	0	0	00:00	0	-	0	0	0
GADAG_VENA_S	31	0	0	10	00:00	0	-	0.24	0.24	20
GRT(1 * 150)	150	0	0	156	11:57	1	17:59	1.72	1.72	143
KOPPAL_KLEIO_S	105	0	0	28	00:00	0	-	0.66	0.66	55
KOPPAL_RENEWOJAS_S	81	0	0	21	00:00	0	06:06	0.5	0.5	42
KOPPAL_SRI1PL_S	188	0	0	68	00:00	0	-	1.62	1.62	135
KURNOOL_AMGREEN_S	599	0	0	0	00:00	0	-	0	0	0
NTPC ETTAYAPURAM SOLAR PLANT	230	0	0	248	12:55	2	17:57	2.43	2.43	203
RAMANGUNDAM (SOLAR)(1 * 100)	100	0	0	63	00:00	0	17:59	0.77	0.77	64
SIMHADRI (SOLAR)(1 * 25)	25	0	0	21	13:24	0	17:55	0.12	0.12	10
Total	5,253	0	0					30.14	30.14	2,516

Total ISGS IPP Thermal	22,470	15,203	12,125					322.41	294.78	
STATE THERMAL	28,342	16,892	13,145					378.31	347.78	
Total CPP Import										
Total ISGS & IPP Hydro										
HYDEL	13,487	7,497	7,284	-	-	-	-	163.3	162.21	
GAS/NAPTHA/DIESEL	6,826	100	98	-	-	-	-	9.46	9.26	
NUCLEAR	3,320	1,669	1,654	-	-	-	-	41.23	38.26	
WIND	23,583	9,913	8,142	-	-	-	-	211.55	211.55	
SOLAR	30,643	0	0	-	-	-	-	123.72	123.72	
OTHERS	4,752	650	646	-	-	-	-	27.22	27.22	

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	200	403	-	203	0	7.75	-7.75
3	765KV-SRIKAKULAM-ANGUL	896	925	2,132	-	23.39	0	23.39
4	HVDC500KV-TALCHER-KOLAR_DC	1,382	989	1,385	-	28.58	0	28.58
	Sub-Total EAST REGION	2,478	2,317	3,517	203	51.97	7.75	44.22
	Import/Export between SOUTH REGION and WEST REGION							
1	220KV-AMBEWADI-PONDA	0	0	-	-	0	0	0
2	220KV-AMBEWADI-XELDEM	85	72	-	89	0	1.78	-1.78
3	220KV-CHIKKODI-MUDASANGI	0	0	0	-	-	-	-
4	220KV-CHIKKODI-TALANGADE	-	-	-	-	-	-	-
5	220KV-LOWER_SILERU-BARSUR	-	-	-	-	-	-	-
6	400KV-BHADRAVTAHI-RAMAGUNDAM	928	928	936	-	0	19.9	-19.9
7	400KV-KUDGI_PG-KHOLAPUR_PG	1,775	1,652	-	2,371	0	44.21	-44.21
8	765KV-NIZAMABAD-WARDHA	478	84	1,493	-	0.93	0	0.93
9	765KV-RAICHUR_PG-SHOLAPUR	1,738	1,532	-	2,376	0	31.01	-31.01

10	765KV-WARANGAL(NEW)-WARORA	227	69	729	0	1.5	0	1.5
11	HVDC800KV-RAIGARH HVDC-PUGALUR HVDC	898	276	2,498	-	0	7.08	-7.08
Sub-Total WEST REGION		6,129	4,613	5,656	4,836	2.43	103.98	-101.55
TOTAL IR EXCHANGE		8,607	6,930	9,173	5,039	54.4	111.73	-57.33

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	19.69	-5.29	0	0.02	0	-0.18	-19.99	16.206	36.196
SR-WR	-3.43	-23.95	2.82	-36.28	0	9.54	-49.08	-101.547	-52.467
Total	16.26	-29.24	2.82	-36.26	0	9.36	-69.07	-85.341	-16.271

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	5.162	85.66	37.558	9.178

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

Maximum		Minimum		Average	Freq Variation	Standard	Freq. in 15 mnt blk	
Frequency	Time	Frequency	Time	Frequency	Index	Deviation	Max.	Min.
50.135	18:02:50	49.815	14:39:30	49.985	0.026	0.049	50.07	49.88

6.Voltage Profile: 400kV

	Maximum		Minimum		Voltage (in %)			
STATION	VOLTAGE	TIME	VOLTAGE	TIME	< 380	< 390	> 420	> 430
GHANAPUR - 400KV	423	01:56	408	10:02	0	0	26.944	0
GOOTY - 400KV	421	02:01	400	09:57	0	0	6.944	0
HIRIYUR - 400KV	428	03:01	401	09:33	0	0	36.806	0
KAIGA - 400KV	416	02:59	391	09:57	0	0	0	0
KOLAR_AC - 400KV	425	03:03	393	09:32	0	0	17.917	0
KUDANKULAM - 400KV	412	03:43	396	09:49	0	0	0	0
SHANKARAPALLY - 400KV	415	02:00	405	18:11	0	0	0	0
SOMANAHALLI - 400KV	421	03:00	390	09:50	0	.278	4.722	0
SRIPERUMBADUR - 400KV	413	03:36	394	18:16	0	0	0	0
TRICHY - 400KV	416	19:28	395	09:50	0	0	0	0
TRIVANDRUM - 400KV	420	03:44	398	09:52	0	0	0	0
VIJAYAWADA - 400KV	405	01:57	397	11:32	0	0	0	0

6.1 Voltage Profile: 220kV

	Maximum		Minimum		Voltage (in %)			
STATION	VOLTAGE	TIME	VOLTAGE	TIME	< 198	< 210	> 235	> 245
GHANAPUR - 220KV	236	02:00	224	09:43	0	0	6.389	0
GOOTY - 220KV	229	02:08	218	09:58	0	0	0	0
HIRIYUR - 220KV	228	03:03	212	09:50	0	0	0	0
KAIGA - 220KV	235	03:01	220	09:56	0	0	0	0
KOLAR_AC - 220KV	232	03:05	214	09:37	0	0	0	0
SOMANAHALLI - 220KV	226	05:19	226	05:19	0	4.236	0	0
SRIPERUMBADUR - 220KV	0	00:00	0	00:00	N/A	N/A	N/A	N/A
TRICHY - 220KV	230	19:01	218	09:29	0	0	0	0
TRIVANDRUM - 220KV	231	03:44	218	09:48	0	0	0	0
VIJAYAWADA - 220KV	231	02:01	226	09:24	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	03:18	762	10:07	0	0	24.72	0
NIZAMABAD - 765KV	795	01:17	776	06:37	0	0	92.5	0
RAICHUR_PG - 765KV	791	03:18	764	11:36	0	0	42.5	0
SRIKAKULAM - 765KV	786	02:01	768	07:34	0	0	41.11	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	1,434	0	1,293	4.65	9.55	169.92	192.53
IDUKKI	694.94	732.43	2,148	725.42	1,615	723.41	1,475	4.47	7.94	174.3	226.54
JALAPUT	818.39	838.4	534	837.68	508	837.54	501	0	2.45	64.48	49.58
N.SAGAR	155.45	179.9	1,398	178.8	945	179.62	981	22.49	19.64	1,338.05	472.16
SRISAILAM	243.84	270.7	1,392	268.83	934	266.64	735	10.44	31.76	1,584.86	773.74
SUPA	495	564	3,159	559.64	2,765	562.7	3,039	3.26	13.81	154.46	342.63
LINGANAMAKKI	522.73	554.5	4,557	553.55	4,267	553.97	4,407	14.54	17.87	372.58	430.11
KAKKI	908.3	981.45	916	975.08	685	970.02	549	3.16	5.31	85.82	123.46
TOTAL	-	-	15,608	-	13,153	-	12,980	63.01	113.85	3,944.47	2,726.95

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	-211.94	-10.41	59.97	0	86.31	0	0	0	0	0	0	0	0
KARNATAKA	-629.77	-100.18	14.04	0	-45.3	0	0	0	0	0	0	0	0
KERALA	-246	0	-10.4	0	308.44	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	0	0	-9	0	0	0	0	0	0	0	0
TAMILNADU	-25	79.56	93.68	0	-202.08	0	0	0	0	0	0	0	0
TELANGANA	-42.8	-0.4	-1,381.81	0	476.25	0	0	0	0	0	0	0	0
TOTAL	-1,155.51	-31.43	-1,224.52	0	614.62	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	-196.57	-10.2	3.17	0	415.46	0	0	0	0	0	0	0	0
KARNATAKA	-629.77	-476.16	-145.12	0	-371.55	0	0	0	-400	0	0	0	0
KERALA	-96	0	-10.4	0	441.66	0	0	0	0	0	0	0	0
PONDICHER ..	0	75.64	9.6	0	-2	0	0	0	0	0	0	0	0
TAMILNADU	797.5	31.85	601.84	0	-207.2	0	0	0	0	0	0	0	0
TELANGANA	-118.68	-0.7	-2,754.81	0	141.22	0	0	0	0	0	0	0	0
TOTAL	-243.52	-379.57	-2,295.72	0	417.59	0	0	0	-400	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	30.95	-4.3	1	1.46	0	-5.35	23.76
KARNATAKA	61.26	-13.7	-3.36	-1.3	0	-1.86	41.04
KERALA	46.32	-2.95	0.52	2.35	0	8.76	55
PONDICHERRY	9.49	0.13	0.53	0.02	0	-0.57	9.6
TAMILNADU	151.02	5.23	2.49	-8.19	0	1.48	152.03
TELANGANA	74.04	-0.31	1.61	-29.26	0	6.91	52.99
TOTAL	373.08	-15.9	2.79	-34.92	0	9.37	334.42

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	2,185.72	343.06	-124.67	-213.44	138.83	-11.1	0	0	0	0	295.58	-817.84	0	0
KARNATAKA	4,307.21	1,356.9	-426.33	-637.48	25.12	-671.03	0	-9.53	0	0	43.04	-667.93	0	0
KERALA	2,600.94	1,645.43	-66.33	-246	57.52	0	0	0	0	0	312.67	-10.4	0	0
PONDICHERRY	434.22	371.15	14.02	0	96.67	0	0	0	0	0	15.65	0	0	0
TAMILNADU	7,101.1	4,388.53	849.69	-25	264.49	0	0	0	0	0	1099.35	-1879.59	0	0
TELANGANA	3,870.29	2,547.73	114.48	-120.38	218.85	-0.7	0	0	0	0	6.81	-3666.32	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	558.04	-1,714.62	0	0	0	0
KARNATAKA	0	0	0	0	0	0	0	0	-16.32	-373.18	0	-400	0	0
KERALA	0	0	0	0	0	0	0	0	795.75	-1.2	0	0	0	0
PONDICHER ..	0	0	0	0	0	0	0	0	0	-184	0	0	0	0
TAMILNADU	0	0	0	0	0	0	0	0	1,742.15	-1,909.92	0	0	0	0
TELANGANA	0	0	0	0	0	0	0	0	1,111.77	-656.4	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):

1)At 1411 Hrs, 220 kV Hoody - ITI line tripped due to three-phase fault (220 kV Manyata - ITI line kept open due to power regulation). Around 100 MW load loss observed as per SCADA
2)Due to forced outage of 400 kV Kanarpatty-Tirunelveli line,240 MW Solar and 533 MW wind curtailment implemented by Tamilnadu to control loadings on ICTs and Lines

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-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).
4) 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).
5) 400KV-TIRUNELVELI-KANARPATTI-1 tripped on LL fault due to conductor snapping on 24-09-2025 11:04 hrs. Line normalized on 25.09.25; 16:12 hrs

13. Weather Condition:

Telengana: Moderate rains reported throughout the state.
Kerala: Light rains reported isolated places.
Karnataka:Light rains reported in Bangalore,Hassan,Mysore.
Tamilnadu:South and Middle parts of the state rains reported.
Andhra Pradesh:Light rains reported in EPDCL 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	0	0	0	0	13	0	0	0	0	0	0	0
KARNATAKA	0	0	0	0	16	3	0	0	0	0	0	0
KERALA	0	0	0	0	0	0	0	0	0	0	0	0
TAMILNADU	0	1	0	0	5	0	0	0	1	3	0	0
PONDICHERRY	0	0	0	0	0	0	0	0	0	0	0	0
TELANGANA	0	0	0	0	22	30	0	0	0	0	0	0

REMARKS:

Shift In Charge