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

Power Supply Position in Southern Region For 05-Sep-2025

Date of Reporting:06-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 #
50,473	0	50,473	50.11	44,038	0	44,038	50	1,242.32	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	111.46	26.3	0	31.29	14.76	2.77	50.13	49.85	-0.29	236.71	236.42	0
KARNATAKA	50.65	62.56	0	43.89	32.8	15.39	32.79	33.06	0.27	238.07	238.34	0
KERALA	0	37.35	0	0.53	1.31	0.28	30.51	29.66	-0.85	69.98	69.13	0
PONDICHERRY	0	0	0.55	0	0.07	0	9.71	9.46	-0.25	10.33	10.08	0
TAMILNADU	83.93	29.41	1.7	93.86	47.1	5.65	142.13	142.28	0.15	403.77	403.92	0
TELANGANA	77.36	50.26	0	0.96	19.59	4.76	129.65	131.51	1.86	282.57	284.43	0
Region	323.4	205.88	2.25	170.53	115.63	28.85	394.92	395.82	0.89	1,241.43	1,242.32	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	9,648	0	9,648	8,920	0	8,920	9,911	223	13.42
KARNATAKA	9,610	0	9,610	6,972	0	6,972	9,897	227	11.34
KERALA	3,402	0	3,402	2,697	0	2,697	2,732	74.73	-5.6
PONDICHERRY	428	0	428	368	0	368	401	10.2	-0.12
TAMILNADU	17,576	0	17,576	14,704	0	14,704	16,864	398	5.92
TELANGANA	9,809	0	9,809	10,377	0	10,377	12,128	275	9.43
Region	50,473	0	50,473	44,038	0	44,038	51,933	1,207.93	34.39

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	11,377	14:53	0	11,377	11,377	14:53	0	11,377	621.38	13:04	-644.73	12:20
KAR	12,783	10:00	0	12,783	12,783	10:00	0	12,783	652.62	06:01	-786.8	10:35
KER	3,424	20:30	0	3,424	3,424	20:30	0	3,424	279.3	15:31	-260.98	10:05
PONDY	482	22:30	0	482	482	22:30	0	482	78.77	05:05	-114.69	00:00
TN	18,682	16:30	0	18,682	18,682	16:30	0	18,682	1,367.95	18:35	-1,154.73	15:01
TG	14,925	12:24	0	14,925	14,925	12:24	0	14,925	617.49	13:41	-889.68	11:52
Region	59,299	11:44:59	0	59,299	59,299	11:44:59	0	59,299	1,667.06	09:45	-2,573.09	11:52

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	486	470	498	17:23	300	15:52	10.24	9.46	394
KRISHNAPATTANAM (3 * 800)	2,400	1,391	1,533	1,571	04:26	1,049	11:58	34.78	32.5	1,354
RAYALASEEMA TPP(1 * 600 + 5 * 210)	1,650	1,011	947	1,106	23:58	632	11:32	21.69	19.26	803
SEIL P2 UNIT-2(1 * 660)	660	629	627	633	13:26	342	11:30	15.3	14.53	605
VIJAYAWADA TPS(1 * 800 + 1 * 500 + 6 * 210)	2,560	1,622	1,516	1,650	18:21	1,305	11:31	38.85	35.7	1,488
OTHER THERMAL	0	0	0	0	00:00	0	-	-	-	-
Total THERMAL	8,310	5,139	5,093	-	-	-	-	120.86	111.45	4,644
HAMPI	36	0	0	26	00:00	0	-	0.62	0.62	26
LOWER SILERU(4 * 115)	460	13	13	160	00:54	13	06:59	3.85	3.83	160
SRISAILAM RBPH(7 * 110)	770	642	642	646	10:47	551	17:40	15.26	15.22	634
UPPER SILERU(4 * 60)	240	0	0	167	06:35	1	11:10	1.19	1.18	49
OTHER HYDEL	431	187	197	227	00:00	0	-	5.45	5.44	227
Total HYDEL	1,937	842	852	-	-	-	-	26.37	26.29	1,096
GAUTAMI CCPP(1 * 174 + 2 * 145)	464	0	0	0	00:00	0	06:59	0	0	0
GMR (BARG)(1 * 237)	237	0	0	0	00:00	0	06:59	0	0	0
JEGURUPADU (GAS)(1 * 49.9 + 1 * 75.5 + 2 * 45.8)	217	0	0	0	00:00	0	06:59	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	06:59	0	0	0
LANCO (GAS)(1 * 121 + 2 * 115)	351	0	0	0	00:00	0	06:59	0	0	0
RELIANCE ENERGY LTD. (GAS)(1 * 140 + 1 * 80)	220	0	0	0	00:00	0	06:59	0	0	0
SPECTRUM (GAS)(1 * 46.8 + 1 * 68.8 + 2 * 46.1)	208	0	0	0	00:00	0	06:59	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	06:59	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	1,183	1,539	1,846	00:00	915	07:29	31.29	31.29	1,304
SOLAR	3,356	0	0	2,063	10:16	0	06:00	14.76	14.76	615
OTHERS	619	90	95	115	00:54	85	06:59	2.77	2.77	115
Total AP	21,342	7,254	7,579	-	-	-	-	196.05	186.56	7,774

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	721	434	735	20:41	419	16:04	12.5	11.32	472
KAKATIYA ST1&ST2(1 * 500 + 1 * 600)	1,100	1,031	919	1,054	01:08	590	13:09	21.59	20.38	849
KOTHAGUDEM TPS(1 * 500 + 1 * 800 + 2 * 250)	1,800	766	568	824	21:07	554	14:45	16.28	15.14	631
RAMAGUNDAM-B(1 * 62.5)	63	0	0	0	00:00	0	06:59	0	0	0
SINGARENI TPS(2 * 600)	1,200	1,188	686	1,207	19:29	648	12:50	20.14	18.81	784
YADADRI(2 * 800)	1,600	715	454	724	23:08	422	14:47	12.51	11.71	488
Total THERMAL	6,843	4,421	3,061					83.02	77.36	3,224
NAGARJUNA SAGAR(1 * 110 + 7 * 100.8)	816	797	824	844	22:14	772	09:44	20.03	19.97	832
NAGARJUNA SAGAR (PUMP)(1 * 110 + 7 * 100.8)	816	0	0	0	00:00	0	-	0	0	0
SRISAILAM LBPH(6 * 150)	900	714	713	717	10:41	697	09:49	17.2	17.17	715
SRISAILAM LBPH(PUMP)(6 * 150)	900	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	957	533	538	547	00:00	0	06:59	13.22	13.12	547
Total HYDEL	2,673	2,044	2,075					50.45	50.26	2,094
WIND	128	0	0	40	00:00	0	-	0.96	0.96	40
SOLAR	3,818	0	0	2,355	12:52	27	06:05	19.59	19.59	816
OTHERS	252	0	0	198	00:00	0	-	4.76	4.76	198
Total TG	13,714	6,465	5,136					158.78	152.93	6,372

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	724	555	779	19:05	515	13:31	17.05	15.92	663
JINDAL(2 * 130 + 4 * 300)	1,460	0	0	260	20:36	0	-	21.41	19.78	33
JINDAL (EXCL. CAPTIVE CONSUMPTION)(2 * 130 + 4 * 300)	1,460	174	19	260	20:36	0	06:20	0.8	0.8	33
RAICHUR TPS(1 * 250 + 7 * 210)	1,720	662	621	731	06:11	586	16:20	17.5	15.6	650
UPCL(2 * 600)	1,200	1,120	617	1,127	19:22	585	17:18	19.53	18.33	764
YERAMARAS TPS(2 * 800)	1,600	0	0	0	00:00	0	06:49	0	0	0
Total THERMAL	7,680	2,680	1,812	-	-	-	-	54.88	50.65	1,319
NAGJHERI(1 * 135 + 5 * 150)	885	685	558	710	18:28	0	13:45	12.83	12.67	528
SHARAVATHI(10 * 103.5)	1,035	831	835	880	18:54	241	06:46	19.42	19.28	803
VARAHI UGPH(4 * 115)	460	382	362	414	22:39	47	06:03	9.14	8.99	375
OTHER HYDEL	2,137	1,461	1,309	1,461	00:34	903	06:49	21.62	21.62	901
Total HYDEL	4,517	3,359	3,064	-	-	-	-	63.01	62.56	2,607
OTHER GAS/NAPTHA/DIESEL	126	0	0	0	00:00	1	06:59	0	0	0
Total GAS/NAPTHA/DIESEL	126	0	0	-	-	-	-	0	0	0
WIND	5,440	1,950	1,421	2,429	14:07	1,327	06:00	43.89	43.89	1,829
SOLAR	6,571	0	0	4,165	12:16	0	06:03	32.8	32.8	1,367
OTHERS	1,832	74	100	2,008	08:17	74	12:18	15.39	15.39	2,008
Total KAR	26,166	8,063	6,397	-	-	-	-	209.97	205.29	9,130

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	727	415	770	22:11	57	14:02	8.39	8.35	348
LOWER PERIYAR (3 * 60)	180	164	120	167	08:11	116	06:29	3.54	3.53	147
SABARIGIRI(2 * 60 + 4 * 55)	340	238	246	249	11:57	223	09:43	5.9	5.88	245
OTHER HYDEL	834	714	714	816	02:54	373	06:38	19.58	19.58	816
Total HYDEL	2,134	1,843	1,495	-	-	-	-	37.41	37.34	1,556
BRAHMAPURAM DGPP (DIESEL)(3 * 21.32)	64	0	0	0	00:00	2	13:55	0	0	0
BSES (NAPTHA)(1 * 35.5 + 3 * 40.5)	157	0	0	0	00:00	0	06:59	-	-	-
KOZHIKODE DPP (DIESEL)(6 * 16)	96	0	0	0	00:00	0	06:59	0	0	0
MPS STEEL CASTINGS(1 * 10)	10	0	0	0	00:00	0	-	-	-	-
RGCCPP KAYAMKULAM (KSEB) - NTPC(1 * 126.38 + 2 * 116.6)	360	0	0	0	00:00	0	07:49	0	0	0
OTHER GAS/NAPTHA/DIESEL	22	0	0	0	00:00	0	06:59	-	-	-
Total GAS/NAPTHA/DIESEL	709	0	0	-	-	-	-	0	0	0
WIND	70	0	0	22	00:00	0	-	0.53	0.53	22
SOLAR	1,988	0	0	55	00:00	0	-	1.31	1.31	55
OTHERS	20	0	0	12	00:00	0	-	0.28	0.28	12
Total KER	4,921	1,843	1,495	-	-	-	-	39.53	39.46	1,645

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	966	928	1,001	17:06	822	12:57	22.26	20.32	847
NCTPS STG3(Infirm - 800 MW)	0	0	0	269	00:00	0	-	7.39	6.46	269
NORTH CHENNAI TPS STG-II(2 * 600)	1,200	687	765	803	00:34	611	12:43	18.48	17.1	713
NORTH CHENNAI TPS(3 * 210)	630	263	258	294	14:42	229	11:38	7.39	6.46	269
OPG PGPL	414	0	0	238	00:00	0	-	6.3	5.72	238
SEPC(1 * 525)	525	486	485	514	10:45	248	13:06	11.63	11.04	460
ST - CMS(1 * 250)	250	248	247	251	09:30	166	14:28	5.68	5.24	218
TUTICORIN(5 * 210)	1,050	502	490	512	18:04	425	12:20	12.79	11.58	483
Total THERMAL	5,509	3,152	3,173					91.92	83.92	3,497
KADAMPARAI (4 * 100)	400	0	0	101	12:06	3	06:07	0.65	0.64	27
KADAMPARAI (PUMP)(4 * 100)	400	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	1,826	1,347	1,056	1,347	04:55	91	06:04	29.02	28.77	1,199
Total HYDEL	2,226	1,347	1,056					29.67	29.41	1,226
BASIN BRIDGE (NAPTHA)(4 * 30)	120	0	0	0	00:00	0	06:49	0	0	0
KOVIL KALAPPAL (GAS)(1 * 37.8 + 1 * 70)	108	0	0	0	00:00	0	06:18	0	0	0
KUTTALAM (GAS)(1 * 37 + 1 * 64)	101	0	0	0	00:00	0	16:29	0	0	0
MADURAI POWER CL (DIESEL)(1 * 106)	106	0	0	0	00:00	0	06:59	0	0	0
P P NALLUR (NAPTHA)(1 * 330.5)	331	0	0	0	00:00	0	06:59	0	0	0
SAMALPATTY (DIESEL)(7 * 15.1)	106	0	0	0	00:00	0	06:59	0	0	0
VALATTUR(STG1&STG2)(1 * 32 + 1 * 35 + 2 * 60)	187	32	34	71	10:54	35	06:15	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	32	34					1.83	1.7	71
WIND	9,392	4,855	3,038	6,351	15:53	2,744	07:11	93.86	93.86	3,911
SOLAR	9,555	0	0	6,905	11:21	11	06:07	47.1	47.1	1,963
OTHERS	2,029	623	578	629	00:54	420	06:59	5.65	5.65	235
Total TN	30,132	10,009	7,879					270.03	261.64	10,903

3(B) Regional Entities Generation

ISGS

Station/Constituents	Inst. Capacity	20:00	03:00	Day Peak		Min Generation (06:00-18:00)		Day Energy		AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	(MW)	Hrs	Gross Gen(MU)	Net Get(MU)	
KUDGI(3 * 800)	2,400	0	0	0	00:00	0	06:49	0	0	0
NEYVELI TS I EXPN (2 * 210)	420	143	126	154	04:50	136	15:40	3.3	3.12	130
NEYVELI TS II(7 * 210)	1,470	562	572	618	06:52	488	10:02	16.41	12.9	538
NEYVELI TS II EXPN (2 * 250)	500	200	205	215	18:10	92	12:59	4.78	4.06	169
NNTPS(2 * 500)	1,000	465	468	477	06:00	260	12:26	10.59	8.69	362
NTPC-TELANGANA STPP(2*800)	1,600	715	442	715	20:00	0	-	14.39	13.06	544
RAMAGUNDAM(3 * 200 + 4 * 500)	2,600	565	360	621	22:49	331	07:03	11.5	10.35	431
SIMHADRI STAGE I(2 * 500)	1,000	423	246	456	23:10	259	10:12	8.46	7.81	325
SIMHADRI STAGE II(2 * 500)	1,000	447	270	484	00:18	239	09:21	9.13	8.6	358
TALCHER ST2(4 * 500)	2,000	1,341	1,321	1,360	19:45	799	09:34	30.62	28.7	1,196
Total THERMAL	13,990	4,861	4,010	-	-	-	-	109.18	97.29	4,053
KAIGA STG1(2 * 220)	440	195	195	200	12:55	184	13:38	5.32	4.81	200
KAIGA STG2(2 * 220)	440	429	428	438	10:05	417	12:23	11.44	10.51	438
KUDANKULAM(2 * 1000)	2,000	1,018	1,021	1,030	04:04	1,003	07:19	24.4	23.03	960
MAPS(2 * 220)	440	0	0	0	00:00	26	17:33	0	0	0
Total NUCLEAR	3,320	1,642	1,644	-	-	-	-	41.16	38.35	1,598
Total ISGS	17,310	6,503	5,654					150.34	135.64	5,651

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	878	525	943	19:18	367	13:49	14.9	13.98	583
VALLUR TPS(3 * 500)	1,500	1,305	889	1,401	19:21	737	13:14	24.38	22.46	936
Total THERMAL	2,500	2,183	1,414	-	-	-	-	39.28	36.44	1,519
Total JOINT_VENTURE	2,500	2,183	1,414					39.28	36.44	1,519

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	520	515	561	03:28	296	13:26	11.43	10.62	443
IL&FS(2 * 600)	1,200	560	542	562	20:50	298	09:52	12.25	11.34	473
JINDAL POWER LIMITED (SIMHAPURI UNIT)(4 * 150)	600	413	230	417	19:42	151	11:33	6.76	6.06	253
MEENAKSHI ENERGY LTD STAGE1(2 * 150)	300	0	0	0	00:00	57	08:47	0	0	0
MEENAKSHI ENERGY LTD STAGE2(2 * 350)	700	0	0	221	00:00	0	-	5.87	5.3	221
SEIL P1(2 * 660)	1,320	1,238	698	1,271	22:21	555	12:23	22.88	21.59	900
SEIL P2 UNIT-1(1 * 660)	660	623	525	636	22:35	296	13:33	12.7	12.13	505
Total THERMAL	5,980	3,354	2,510	-	-	-	-	71.89	67.04	2,795
LKPPL ST2(1 * 133 + 1 * 233)	366	336	179	338	20:00	177	16:00	4.82	4.66	194
LKPPL ST3(2 * 133 + 2 * 233)	732	0	0	0	00:00	0	-	0	0	0
Total GAS/NAPTHA/DIESEL	1,098	336	179	-	-	-	-	4.82	4.66	194
Total REGIONAL_IPP	7,078	3,690	2,689					76.71	71.7	2,989

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	61	53	74	22:05	26	15:51	1.22	1.22	51
GADAG_RSPPL_W	175	166	103	134	20:00	205	13:41	3.21	3.21	134
GADAG_VENA_W	133	99	72	99	20:00	0	-	2.07	2.07	86
GREEN INFRA(1 * 249.90)	250	224	129	232	19:23	6	11:40	3.06	3.06	128
HIRIYUR_OSTRO(1 *300.3)	300	0	0	0	00:00	0	06:59	0	0	0
HIRIYUR_ZREPL_W	66	38	33	112	20:00	0	-	2.68	2.68	112
JSW RENEW ENERGY TWO LTD	300	118	50	177	13:32	0	11:11	1.61	1.61	67
KARUR_JSWRENEW_W	162	0	0	0	00:00	0	-	0	0	0
KARUR_JSWRETWO_W	150	0	0	0	00:00	0	-	0	0	0
KOPPAL_AYANASIX_W	300	189	157	189	20:00	0	-	3.46	3.46	144
KOPPAL_KLEIO_W	101	0	0	0	00:00	0	-	0	0	0
KOPPAL_RENEWOJAS_W	319	0	121	309	14:50	53	07:34	4.24	4.24	177
KOPPAL_RENEWROSHNI_W	291	175	105	243	16:02	64	06:00	3.39	3.39	141
KURNOOL_AMGREEEN_W	304	0	0	132	00:00	0	06:59	3.17	3.17	132
MYTRA(1 * 250)	250	196	88	212	18:15	41	12:12	2.96	2.96	123
ORANGE(1 * 200)	200	169	104	174	20:09	17	11:40	2.47	2.47	103
PGLR_SAUPL_W	53	0	0	0	00:00	0	-	0	0	0
PGLR_SREPL(1 * 300)	300	197	130	251	18:32	59	06:06	4.24	4.24	177
TUTICORINJSWRENEWW(1 * 51.3)	540	253	137	253	20:00	0	-	3.84	3.84	160
VIVID SOLAIRE (BEETAM)(1 * 220)	220	213	136	216	18:52	42	12:26	3.41	3.41	142
Total RENEWABLE_WIND	4,469	2,098	1,418					45.03	45.03	1,877

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	09:43	1	06:00	1.45	1.45	121
ANP_ATHENA BIWADI(1 * 50)	50	0	0	53	13:18	0	06:00	0.34	0.34	28
ANP_ATHENA HISAR(1 * 50)	50	0	0	53	11:28	0	06:00	0.33	0.33	28
ANP_ATHENA KARNAL(1 * 50)	50	0	0	52	13:18	0	06:00	0.31	0.31	26
ANP_AYANA(1 * 250)	250	0	0	239	09:59	1	06:00	1.43	1.43	119
ANP_AZURE(1 * 50)	50	0	0	47	13:26	0	06:08	0.28	0.28	23
ANP_IGS1(1 * 50)	50	0	0	52	13:06	0	06:00	0.31	0.31	26
ANP_IGS2(1 * 50)	50	0	0	52	11:54	0	06:00	0.33	0.33	28
ANP_NTPC(5 * 50)	250	0	0	151	10:02	1	06:00	0.94	0.94	78
ANP_TATA(2 * 50)	100	0	0	98	11:25	0	06:00	0.59	0.59	49
SPRING ANG ITRA(1 * 250)	250	0	0	232	12:00	0	06:07	1.27	1.27	106
PAVAGADA										
PVG_ADYAH(6 * 50)	300	0	0	85	00:00	0	06:59	2.05	2.05	171
PVG_AMPLUS PAVAGADA(1 * 50)	50	0	0	51	13:48	0	06:01	0.36	0.36	30
PVG_AMPLUS TUMKUR(1 * 50)	50	0	0	50	10:25	0	06:01	0.35	0.35	29
PVG_AVAADA SOLAR(3 * 50)	150	0	0	152	11:18	1	06:00	1.01	1.01	84
PVG_AVAADA SOLARISE(3 * 50)	150	0	0	160	11:37	1	06:01	1	1	83
PVG_AZURE POWER EARTH (2 * 50)	100	0	0	76	10:40	1	06:00	0.56	0.56	47
PVG_FORTUM FIN SURYA(2 * 50)	100	0	0	75	11:30	1	06:00	0.46	0.46	38
PVG_IRCON_S	225	0	0	98	00:00	0	-	2.36	2.36	197
PVG_KREDL(1 * 50)	50	0	0	48	10:36	1	06:00	0.33	0.33	28
PVG_PARAMPUJYA(3 * 50)	150	0	0	129	11:59	1	06:00	0.86	0.86	72
PVG_RENEW TN2(1 * 50)	50	0	0	51	11:59	1	06:00	0.38	0.38	32
PVG_SBG ENERGY(4 * 50)	200	0	0	195	13:19	0	06:17	1.27	1.27	106
PVG_SPRING SOLAR INDIA(5 * 50)	250	0	0	226	09:50	1	06:00	1.41	1.41	118
PVG_TATA RENEWABLES(8 * 50)	400	0	0	341	09:56	1	06:00	2.04	2.04	170
PVG_YARROW(1 * 50)	50	0	0	49	11:20	1	06:00	0.34	0.34	28
OTHER										
GADAG_SERENTICA3_S	69	0	0	0	00:00	0	-	0	0	0
GADAG_VENA_S	31	0	0	8	00:00	0	-	0.2	0.2	17
GRT(1 * 150)	150	0	0	152	11:48	0	06:02	0.85	0.85	71
KOPPAL_KLEIO_S	105	0	0	0	00:00	0	-	0	0	0
KOPPAL_RENEWOJAS_S	81	0	0	19	00:00	0	06:59	0.46	0.46	38
KOPPAL_SRI1PL_S	188	2	0	63	20:00	0	-	1.52	1.52	127
KURNOOL_AMGREEN_S	599	0	0	0	00:00	0	-	0	0	0
NTPC ETTAYAPURAM SOLAR PLANT	230	0	0	248	11:07	0	06:00	1.27	1.27	106
RAMANGUNDAM (SOLAR)(1 * 100)	100	0	84	99	12:09	1	17:59	1.28	1.28	107
SIMHADRI (SOLAR)(1 * 25)	25	0	0	0	00:00	0	07:00	0	0	0
Total	5,253	2	84					27.94	27.94	2,331

Total ISGS IPP Thermal	22,470	10,398	7,934					220.35	200.77	
STATE THERMAL	28,342	15,392	13,139					350.68	323.38	
Total CPP Import										
Total ISGS & IPP Hydro										
HYDEL	13,487	9,435	8,542	-	-	-	-	207.26	205.86	
GAS/NAPTHA/DIESEL	6,826	368	213	-	-	-	-	7.24	6.91	
NUCLEAR	3,320	1,668	1,668	-	-	-	-	41.16	38.34	
WIND	23,583	10,086	7,415	-	-	-	-	215.56	215.56	
SOLAR	30,643	2	84	-	-	-	-	143.57	143.57	
OTHERS	4,752	787	773	-	-	-	-	28.85	28.85	

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	506	512	530	-	12.31	0	12.31
3	765KV-SRIKAKULAM-ANGUL	1,113	1,895	2,721	-	36.08	0	36.08
4	HVDC500KV-TALCHER-KOLAR_DC	1,480	1,578	1,970	-	36.54	0	36.54
	Sub-Total EAST REGION	3,099	3,985	5,221	0	84.93	0	84.93
	Import/Export between SOUTH REGION and WEST REGION							
1	220KV-AMBEWADI-PONDA	0	0	-	-	0	0	0
2	220KV-AMBEWADI-XELDEM	107	82	-	118	0	2.22	-2.22
3	220KV-CHIKKODI-MUDASANGI	0	0	0	-	-	-	-
4	220KV-CHIKKODI-TALANGADE	-	-	-	-	-	-	-
5	220KV-LOWER_SILERU-BARSUR	-	-	-	-	-	-	-
6	400KV-BHADRAVTAHI-RAMAGUNDAM	512	511	519	-	0	12.28	-12.28
7	400KV-KUDGI_PG-KHOLAPUR_PG	1,358	967	-	1,713	0	29.19	-29.19
8	765KV-NIZAMABAD-WARDHA	420	1,424	2,702	-	29.88	0	29.88
9	765KV-RAICHUR_PG-SHOLAPUR	1,205	204	-	1,551	0	12.45	-12.45

10	765KV-WARANGAL(NEW)-WARORA	299	1,390	2,692	-	27.36	0	27.36
11	HVDC800KV-RAIGARH HVDC-PUGALUR HVDC	719	280	-	550	27.53	0	27.53
Sub-Total WEST REGION		4,620	4,858	5,913	3,932	84.77	56.14	28.63
TOTAL IR EXCHANGE		7,719	8,843	11,134	3,932	169.7	56.14	113.56

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	10.28	-3.19	0	0.09	0	0	-11.78	56.23	68.01
SR-WR	9.59	-20.68	2.64	27.3	0	53.04	92.09	28.622	-63.468
Total	19.87	-23.87	2.64	27.39	0	53.04	80.31	84.852	4.542

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	8.229	78.947	49.329	12.824

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

Maximum		Minimum		Average	Freq Variation	Standard	Freq. in 15 mnt blk	
Frequency	Time	Frequency	Time	Frequency	Index	Deviation	Max.	Min.
50.241	09:43:10	49.791	08:42:10	49.992	0.038	0.061	50.16	49.86

6.Voltage Profile: 400kV

	Maximum		Minimum		Voltage (in %)			
STATION	VOLTAGE	TIME	VOLTAGE	TIME	< 380	< 390	> 420	> 430
GHANAPUR - 400KV	425	01:22	399	09:10	0	0	25.417	0
GOOTY - 400KV	422	02:00	395	10:46	0	0	7.986	0
HIRIYUR - 400KV	430	01:54	401	11:00	0	0	48.819	.833
KAIGA - 400KV	421	02:00	390	10:10	0	0	4.167	0
KOLAR_AC - 400KV	424	02:03	393	10:25	0	0	16.25	0
KUDANKULAM - 400KV	416	02:24	398	10:51	0	0	0	0
SHANKARAPALLY - 400KV	413	02:00	403	09:07	0	0	0	0
SOMANAHALLI - 400KV	421	02:00	388	10:50	0	4.167	2.431	0
SRIPERUMBADUR - 400KV	409	02:00	391	10:48	0	0	0	0
TRICHY - 400KV	416	02:24	391	10:57	0	0	0	0
TRIVANDRUM - 400KV	425	02:25	402	09:09	0	0	12.014	0
VIJAYAWADA - 400KV	410	17:24	390	09:20	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	01:21	221	10:56	0	0	9.236	0
GOOTY - 220KV	230	02:12	215	10:51	0	0	0	0
HIRIYUR - 220KV	230	01:59	212	11:00	0	0	0	0
KAIGA - 220KV	235	02:03	220	10:06	0	0	1.181	0
KOLAR_AC - 220KV	232	02:01	213	09:53	0	0	0	0
SOMANAHALLI - 220KV	227	02:25	206	10:49	0	14.097	0	0
SRIPERUMBADUR - 220KV	0	00:00	0	00:00	N/A	N/A	N/A	N/A
TRICHY - 220KV	230	02:00	213	10:40	0	0	0	0
TRIVANDRUM - 220KV	233	02:25	222	10:57	0	0	0	0
VIJAYAWADA - 220KV	230	02:01	224	09:23	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	02:01	752	10:48	0	0	23.4	0
NIZAMABAD - 765KV	803	00:00	766	06:32	0	0	84.86	10.69
RAICHUR_PG - 765KV	793	02:01	755	10:49	0	0	44.72	0
SRIKAKULAM - 765KV	783	01:26	756	06:22	0	0	13.54	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	1,499	0	1,279	11.17	9.1	41.15	31.24
IDUKKI	694.94	732.43	2,148	726.14	1,674	723.16	1,457	13.97	9.5	53.54	35.84
JALAPUT	818.39	838.4	534	837.61	504	837.39	493	3.12	2.31	11.66	9.24
N.SAGAR	155.45	179.9	1,398	179.31	964	179.04	928	25.02	19.6	76.75	78.93
SRISAILAM	243.84	270.7	1,392	269.38	990	269.6	980	69.47	32.5	252.79	130.07
SUPA	495	564	3,159	560.13	10,341	561.75	2,952	7.39	12.28	73.42	53.14
LINGANAMAKKI	522.73	554.5	4,557	554.03	4,427	553.99	4,412	32.5	18.16	187.42	74.62
KAKKI	908.3	981.45	916	976.31	725	968.89	523	0	5.88	30.68	22.98
TOTAL	-	-	15,608	-	21,124	-	13,024	162.64	115.91	727.41	462.59

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	-204	-11.71	75.96	0	137.36	0	0	0	0	0	0	0	0
KARNATAKA	-635.93	-122.99	34.72	0	-30.46	0	0	0	0	0	0	0	0
KERALA	-246	0	-10.3	0	-0.7	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	0	0	-15	0	0	0	0	0	0	0	0
TAMILNADU	-25	78.54	209.09	0	163.15	0	0	0	0	0	0	0	0
TELANGANA	-22.55	4.02	1,113.65	0	2,264	0	0	0	0	0	0	0	0
TOTAL	-1,133.48	-52.14	1,423.12	0	2,518.35	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	-216.81	-9.5	765.67	0	688.21	0	0	0	0	0	0	0	0
KARNATAKA	-635.93	-55.89	125.31	0	-95.6	0	0	0	0	0	0	0	0
KERALA	-96	11.85	-10.3	0	118.3	0	0	0	0	0	0	0	0
PONDICHER ..	0	92.52	0	0	-42	0	0	0	0	0	0	0	0
TAMILNADU	1,646.81	43.37	312.41	0	-8.3	0	0	0	0	0	0	0	0
TELANGANA	-115.53	4.12	780.13	0	43.7	0	0	0	0	0	0	0	0
TOTAL	582.54	86.47	1,973.22	0	704.31	0	0	0	0	0	0	0	0

State	Day Energy (MU)						
	ISGS+GNA Schedule	T-GNA Bilateral	GDAM Schedule	DAM Schedule	HPDAM Schedule	RTM Schedule	Total (MU)
ANDHRA PRADESH	41.9	-4.52	0.75	7.59	0	4.41	50.13
KARNATAKA	47.66	-13.66	-3	2.35	0	-0.56	32.79
KERALA	32.56	-3.02	0.25	0.14	0	0.58	30.51
PONDICHERRY	9.25	0.11	0.52	0.05	0	-0.22	9.71
TAMILNADU	134.85	9.58	2.7	-9.74	0	4.74	142.13
TELANGANA	55.72	0.1	2.02	30.58	0	41.23	129.65
TOTAL	321.94	-11.41	3.24	30.97	0	50.18	394.92

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	2,514.92	1,197.83	-137.88	-221.51	116.42	-12.81	0	0	0	0	1185.23	34.91	0	0
KARNATAKA	3,323.23	1,234.76	-406.7	-636.56	-42.61	-153.37	0	-24.5	0	0	1007.67	-163.8	96.37	0
KERALA	1,718.75	759.1	-74.07	-246	19.08	0	0	0	0	0	23.14	-10.3	0	0
PONDICHERRY	433.95	313.13	13.98	0	102.14	0	0	0	0	0	57.82	0	0	0
TAMILNADU	6,452.51	4,123.6	1,714.58	-25	193.41	39.8	0	0	0	0	624.96	-1806.56	0	0
TELANGANA	3,167.24	954.95	137.61	-115.53	228.86	4.02	0	0	0	0	3557.88	-204.21	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	688.21	61.4	0	0	0	0
KARNATAKA	0	0	0	0	0	0	0	0	435.95	-221.8	0	0	0	0
KERALA	0	0	0	0	0	0	0	0	135.96	-28.63	0	0	0	0
PONDICHER ..	0	0	0	0	0	0	0	0	47.22	-59	0	0	0	0
TAMILNADU	0	0	0	0	0	0	0	0	1,441.49	-703.74	0	0	0	0
TELANGANA	0	0	0	0	0	0	0	0	3,565.19	-102.9	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):

At 13:14 hrs, 230 kV PUDUCHERRYTHONDAMANDALAM-1 tripped on distance protection. Simultaneously 230/110 kV ICT-1 at Thondamandalam also tripped. Load loss 75 MW as per scada

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

13. Weather Condition:

Karnataka:Light rains in Udupi,Chikmangalore,Uttar Kannada districts.
AP:Light rains reported in Kakinada,Vishakapatnam,Paderu,Tirupati,Chittor areas
Tamilnadu: Heavy rains reported at Madurai,Dindikkal,Ramanathapuram,Thanjavur,Thiruvallur districts

14. RE/Load Curtailment details

State	Load Curtailment (Shortage)			RE Curtailment				
	Energy	Maximum	At the time of maximum demand	Wind		Solar		Reason
	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	2	0	0	4	0	0	0	0	0	0	0
KARNATAKA	0	1	0	0	5	0	0	0	0	2	0	0
KERALA	0	0	0	0	0	0	0	0	0	0	0	0
TAMILNADU	2	2	0	2	0	0	0	0	3	5	0	0
PONDICHERRY	0	0	0	0	0	0	0	0	0	0	0	0
TELANGANA	0	3	0	0	16	5	0	0	0	0	0	0

REMARKS:

Shift In Charge