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

Power Supply Position in Southern Region For 02-Sep-2025

Date of Reporting:03-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 #
48,770	0	48,770	50.09	40,595	0	40,595	50.05	1,141.83	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	98.02	24.05	0	50.81	10.32	2.73	33.07	30.74	-2.33	218.99	216.66	0
KARNATAKA	41.82	63.53	0	55.65	20.72	14.82	24.01	25.04	1.03	220.56	221.58	0
KERALA	0	37.97	0	0.88	1.37	0.27	42.8	42.27	-0.53	83.29	82.76	0
PONDICHERRY	0	0	0.59	0	0.06	0	9.16	9.14	-0.02	9.81	9.79	0
TAMILNADU	57.08	22.45	1.69	101.08	47.7	4.53	140.77	135.84	-4.93	375.3	370.37	0
TELANGANA	69.67	44.68	0	1.37	10.11	2.69	110.61	112.16	1.55	239.12	240.67	0
Region	266.59	192.68	2.28	209.79	90.28	25.04	360.42	355.19	-5.23	1,147.07	1,141.83	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	9,044	0	9,044	8,332	0	8,332	9,044	216	0.66
KARNATAKA	8,974	0	8,974	6,573	0	6,573	-	223.6	-2.02
KERALA	4,148	0	4,148	2,810	0	2,810	3,309	81.91	0.85
PONDICHERRY	440	0	440	352	0	352	354	10.6	-0.81
TAMILNADU	16,943	0	16,943	13,739	0	13,739	15,671	399	-28.63
TELANGANA	9,221	0	9,221	8,789	0	8,789	10,258	233	7.67
Region	48,770	0	48,770	40,595	0	40,595	38,636	1,164.11	-22.28

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	10,213	12:29	0	10,213	10,213	-	0	10,213	896.81	19:24	-927.46	09:24
KAR	11,738	11:00	0	11,738	11,738	-	0	11,738	594.16	14:31	-830.79	15:13
KER	4,238	19:00	0	4,238	4,238	-	0	4,238	261.93	07:51	-387.55	17:01
PONDY	460	21:45	0	460	460	21:45	0	460	51.53	00:00	-61.14	18:30
TN	17,922	19:00	0	17,922	17,922	-	0	17,922	1,248.97	15:33	-790.46	14:15
TG	12,542	07:42	0	12,542	12,542	-	0	12,542	897.15	14:29	-766.79	06:30
Region	53,696	09:30:00	0	53,696	53,696	09:30:00	0	53,696	1,480.39	19:15	-1,977.98	14:14

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	950	855	967	03:38	561	16:44	15.87	14.79	616
KRISHNAPATTANAM (3 * 800)	2,400	1,716	1,502	1,720	19:52	1,179	17:40	35.22	33.17	1,382
RAYALASEEMA TPP(1 * 600 + 5 * 210)	1,650	991	838	1,172	19:24	740	09:05	22.54	20.13	839
SEIL P2 UNIT-2(1 * 660)	660	23	0	205	23:58	0	06:03	0.26	0.07	3
VIJAYAWADA TPS(1 * 800 + 1 * 500 + 6 * 210)	2,560	1,359	1,241	1,474	19:22	1,162	16:13	33.29	30.01	1,250
OTHER THERMAL	0	0	0	0	00:00	0	-	-	-	-
Total THERMAL	8,310	5,039	4,436	-	-	-	-	107.18	98.17	4,090
HAMPI	36	0	0	26	00:00	0	-	0.62	0.62	26
LOWER SILERU(4 * 115)	460	13	13	134	03:17	13	12:23	3.23	3.21	134
SRISAILAM RBPH(7 * 110)	770	648	632	652	20:12	619	09:57	15.34	15.3	638
UPPER SILERU(4 * 60)	240	42	0	159	19:07	1	06:00	0.49	0.48	20
OTHER HYDEL	431	408	156	408	00:00	0	-	4.46	4.44	185
Total HYDEL	1,937	1,111	801	-	-	-	-	24.14	24.05	1,003
GAUTAMI CCPP(1 * 174 + 2 * 145)	464	0	0	0	00:00	0	12:23	0	0	0
GMR (BARG)(1 * 237)	237	0	0	0	00:00	0	12:23	0	0	0
JEGURUPADU (GAS)(1 * 49.9 + 1 * 75.5 + 2 * 45.8)	217	0	0	0	00:00	0	12:23	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	12:23	0	0	0
LANCO (GAS)(1 * 121 + 2 * 115)	351	0	0	0	00:00	0	12:23	0	0	0
RELIANCE ENERGY LTD. (GAS)(1 * 140 + 1 * 80)	220	0	0	0	00:00	0	12:23	0	0	0
SPECTRUM (GAS)(1 * 46.8 + 1 * 68.8 + 2 * 46.1)	208	0	0	0	00:00	0	12:23	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	12:23	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	1,901	2,056	2,589	17:06	1,820	14:58	50.81	50.81	2,117
SOLAR	3,356	0	0	1,605	13:31	1	06:00	10.32	10.32	430
OTHERS	619	92	96	114	03:17	88	07:53	2.73	2.73	114
Total AP	21,342	8,143	7,389	-	-	-	-	195.18	186.08	7,754

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	484	563	694	19:15	412	08:45	12.56	11.1	463
KAKATIYA ST1&ST2(1 * 500 + 1 * 600)	1,100	1,017	606	1,042	22:21	586	10:21	17.6	16.5	688
KOTHAGUDEM TPS(1 * 500 + 1 * 800 + 2 * 250)	1,800	702	581	859	19:21	556	08:25	15.5	14.43	601
RAMAGUNDAM-B(1 * 62.5)	63	0	0	0	00:00	0	06:00	0	0	0
SINGARENI TPS(2 * 600)	1,200	1,175	681	1,182	19:52	660	09:09	18.54	17.22	718
YADADRI(2 * 800)	1,600	592	452	625	20:19	433	13:15	11.26	10.42	434
Total THERMAL	6,843	3,970	2,883					75.46	69.67	2,904
NAGARJUNA SAGAR(1 * 110 + 7 * 100.8)	816	807	808	834	18:11	783	14:36	19.8	19.74	823
NAGARJUNA SAGAR (PUMP)(1 * 110 + 7 * 100.8)	816	0	0	0	00:00	0	-	0	0	0
SRISAILAM LBPH(6 * 150)	900	721	705	725	20:17	695	08:46	17.07	17.04	710
SRISAILAM LBPH(PUMP)(6 * 150)	900	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	957	341	310	341	00:00	0	09:21	7.96	7.9	329
Total HYDEL	2,673	1,869	1,823					44.83	44.68	1,862
WIND	128	0	0	57	00:00	0	-	1.37	1.37	57
SOLAR	3,818	0	0	1,402	14:44	0	06:00	10.11	10.11	421
OTHERS	252	0	0	112	00:00	0	-	2.69	2.69	112
Total TG	13,714	5,839	4,706					134.46	128.52	5,356

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	420	266	440	20:58	260	11:36	8.67	7.89	329
JINDAL(2 * 130 + 4 * 300)	1,460	0	0	194	18:04	0	-	19.83	18.15	34
JINDAL (EXCL. CAPTIVE CONSUMPTION)(2 * 130 + 4 * 300)	1,460	0	60	194	18:04	0	06:39	0.82	0.82	34
RAICHUR TPS(1 * 250 + 7 * 210)	1,720	729	607	739	18:37	577	14:35	17.54	15.62	651
UPCL(2 * 600)	1,200	1,038	620	1,124	19:35	800	06:14	18.67	17.49	729
YERAMARAS TPS(2 * 800)	1,600	0	0	0	00:00	7	14:33	0	0	0
Total THERMAL	7,680	2,187	1,553	-	-	-	-	45.7	41.82	1,021
NAGJHERI(1 * 135 + 5 * 150)	885	449	294	6,000	14:26	84	14:37	11.53	11.38	474
SHARAVATHI(10 * 103.5)	1,035	823	743	877	09:34	526	14:35	19.26	19.11	796
VARAHI UGPH(4 * 115)	460	281	259	405	09:37	44	08:52	7.25	7.12	297
OTHER HYDEL	2,137	1,563	1,316	1,563	06:14	488	09:54	25.92	25.92	1,080
Total HYDEL	4,517	3,116	2,612	-	-	-	-	63.96	63.53	2,647
OTHER GAS/NAPTHA/DIESEL	126	0	0	0	00:00	1	12:23	0	0	0
Total GAS/NAPTHA/DIESEL	126	0	0	-	-	-	-	0	0	0
WIND	5,440	2,343	2,221	3,058	14:10	1,902	07:50	55.65	55.65	2,319
SOLAR	6,571	0	0	2,875	11:29	8	06:03	20.72	20.72	863
OTHERS	1,832	82	80	1,481	06:59	59	16:11	14.82	14.82	1,481
Total KAR	26,166	7,728	6,466	-	-	-	-	200.85	196.54	8,331

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	738	251	769	21:19	51	12:58	8.6	8.56	357
LOWER PERIYAR (3 * 60)	180	165	167	168	00:54	165	14:37	3.99	3.98	166
SABARIGIRI(2 * 60 + 4 * 55)	340	239	243	249	11:38	226	14:35	5.88	5.87	245
OTHER HYDEL	834	701	718	815	01:38	414	08:58	19.56	19.56	815
Total HYDEL	2,134	1,843	1,379	-	-	-	-	38.03	37.97	1,583
BRAHMAPURAM DGPP (DIESEL)(3 * 21.32)	64	0	0	0	00:00	4	10:49	0	0	0
BSES (NAPTHA)(1 * 35.5 + 3 * 40.5)	157	0	0	0	00:00	0	12:23	-	-	-
KOZHIKODE DPP (DIESEL)(6 * 16)	96	0	0	0	00:00	0	12:23	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	06:17	0	0	0
OTHER GAS/NAPTHA/DIESEL	22	0	0	0	00:00	0	12:23	-	-	-
Total GAS/NAPTHA/DIESEL	709	0	0	-	-	-	-	0	0	0
WIND	70	0	0	37	00:00	0	-	0.88	0.88	37
SOLAR	1,988	0	0	57	00:00	0	-	1.37	1.37	57
OTHERS	20	0	0	11	00:00	0	-	0.27	0.27	11
Total KER	4,921	1,843	1,379	-	-	-	-	40.55	40.49	1,688

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	1,039	844	1,042	20:14	807	11:42	21.91	20.03	835
NCTPS STG3(Infirm - 800 MW)	0	0	0	0	00:00	0	-	0	0	0
NORTH CHENNAI TPS STG-II(2 * 600)	1,200	757	620	790	00:00	599	11:02	17.92	0.21	9
NORTH CHENNAI TPS(3 * 210)	630	254	240	271	00:02	204	11:36	6.83	5.84	243
OPG PGPL	414	0	0	226	00:00	0	-	5.96	5.43	226
SEPC(1 * 525)	525	488	472	512	18:38	252	14:35	10.35	9.8	408
ST - CMS(1 * 250)	250	249	210	259	05:43	165	14:49	5.24	4.82	201
TUTICORIN(5 * 210)	1,050	336	166	456	20:40	156	10:37	5.74	10.95	456
Total THERMAL	5,509	3,123	2,552					73.95	57.08	2,378
KADAMPARAI (4 * 100)	400	0	0	102	14:16	3	06:00	0.34	0.33	14
KADAMPARAI (PUMP)(4 * 100)	400	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	1,826	695	1,010	1,010	06:22	37	08:48	22.33	22.12	922
Total HYDEL	2,226	695	1,010					22.67	22.45	936
BASIN BRIDGE (NAPTHA)(4 * 30)	120	0	0	0	00:00	0	06:00	0	0	0
KOVIL KALAPPAL (GAS)(1 * 37.8 + 1 * 70)	108	0	0	0	00:00	0	14:48	0	0	0
KUTTALAM (GAS)(1 * 37 + 1 * 64)	101	0	0	0	00:00	0	12:23	0	0	0
MADURAI POWER CL (DIESEL)(1 * 106)	106	0	0	0	00:00	0	12:23	0	0	0
P P NALLUR (NAPTHA)(1 * 330.5)	331	0	0	0	00:00	0	12:23	0	0	0
SAMALPATTY (DIESEL)(7 * 15.1)	106	0	0	0	00:00	0	12:23	0	0	0
VALATTUR(STG1&STG2)(1 * 32 + 1 * 35 + 2 * 60)	187	30	33	70	11:24	34	06:01	1.82	1.69	70
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	30	33					1.82	1.69	70
WIND	9,392	4,844	3,117	5,434	16:44	3,096	07:23	101.08	101.08	4,212
SOLAR	9,555	0	0	7,083	12:20	12	06:09	47.7	47.7	1,988
OTHERS	2,029	555	485	561	00:00	425	11:43	4.53	4.53	189
Total TN	30,132	9,247	7,197					251.75	234.53	9,773

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	09:18	0	0	0
NEYVELI TS I EXPN (2 * 210)	420	159	150	174	22:27	139	09:27	3.63	3.43	143
NEYVELI TS II(7 * 210)	1,470	580	516	631	22:09	406	12:16	15.74	12.27	511
NEYVELI TS II EXPN (2 * 250)	500	139	192	306	00:03	89	12:32	5.14	4.05	169
NNTPS(2 * 500)	1,000	932	566	939	19:22	523	08:16	18.21	16.14	673
NTPC-TELANGANA STPP(2*800)	1,600	670	425	670	20:00	0	-	12.15	10.89	454
RAMAGUNDAM(3 * 200 + 4 * 500)	2,600	518	616	751	09:42	323	12:41	13.84	12.31	513
SIMHADRI STAGE I(2 * 500)	1,000	432	246	462	21:03	239	07:07	7.51	6.53	272
SIMHADRI STAGE II(2 * 500)	1,000	443	267	486	21:44	240	12:46	7.82	6.89	287
TALCHER ST2(4 * 500)	2,000	1,157	890	1,390	18:26	522	13:19	22.57	20.8	867
Total THERMAL	13,990	5,030	3,868	-	-	-	-	106.61	93.31	3,889
KAIGA STG1(2 * 220)	440	192	191	201	23:30	186	11:05	5.33	4.81	200
KAIGA STG2(2 * 220)	440	430	428	439	16:07	420	10:27	11.46	10.53	439
KUDANKULAM(2 * 1000)	2,000	1,015	1,021	1,024	00:31	1,006	09:28	24.56	23.12	963
MAPS(2 * 220)	440	0	0	0	00:00	33	16:09	0	0	0
Total NUCLEAR	3,320	1,637	1,640	-	-	-	-	41.35	38.46	1,602
Total ISGS	17,310	6,667	5,508					147.96	131.77	5,491

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	867	507	914	18:56	362	15:08	13.68	12.8	533
VALLUR TPS(3 * 500)	1,500	1,301	774	1,401	20:56	743	15:31	22.02	20.14	839
Total THERMAL	2,500	2,168	1,281	-	-	-	-	35.7	32.94	1,372
Total JOINT_VENTURE	2,500	2,168	1,281					35.7	32.94	1,372

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	523	329	539	20:04	296	09:58	9.23	8.51	355
IL&FS(2 * 600)	1,200	561	542	563	19:13	297	10:02	12.09	11.18	466
JINDAL POWER LIMITED (SIMHAPURI UNIT)(4 * 150)	600	411	281	413	18:57	163	11:46	6.98	7.27	303
MEENAKSHI ENERGY LTD STAGE1(2 * 150)	300	0	0	0	00:00	60	10:58	0	0	0
MEENAKSHI ENERGY LTD STAGE2(2 * 350)	700	0	0	320	00:00	0	-	8.5	7.68	320
SEIL P1(2 * 660)	1,320	1,241	741	1,271	21:20	495	07:59	19.94	18.72	780
SEIL P2 UNIT-1(1 * 660)	660	314	520	629	00:07	287	13:34	12.23	11.53	480
Total THERMAL	5,980	3,050	2,413	-	-	-	-	68.97	64.89	2,704
LKPPL ST2(1 * 133 + 1 * 233)	366	178	179	336	19:10	169	13:06	4.64	4.48	187
LKPPL ST3(2 * 133 + 2 * 233)	732	0	0	0	00:00	0	-	0	0	0
Total GAS/NAPTHA/DIESEL	1,098	178	179	-	-	-	-	4.64	4.48	187
Total REGIONAL_IPP	7,078	3,228	2,592					73.61	69.37	2,891

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	33	61	71	06:47	22	17:42	1.28	1.28	53
GADAG_RSPPL_W	175	181	203	186	20:00	207	13:40	4.47	4.47	186
GADAG_VENA_W	133	65	96	90	20:00	0	-	2.15	2.15	90
GREEN INFRA(1 * 249.90)	250	228	146	248	16:33	68	13:57	4	4	167
HIRIYUR_OSTRO(1 *300.3)	300	0	0	62	00:00	0	06:19	1.48	1.48	62
HIRIYUR_ZREPL_W	66	50	52	65	20:00	0	-	1.57	1.57	65
JSW RENEW ENERGY TWO LTD	300	165	79	229	23:56	8	07:54	2.2	2.2	92
KARUR_JSWRENEW_W	162	131	109	131	20:00	0	-	2.01	2.01	84
KARUR_JSWRETWO_W	150	83	84	117	20:00	0	-	2.8	2.8	117
KOPPAL_AYANASIX_W	300	190	184	190	20:00	0	-	4.42	4.42	184
KOPPAL_KLEIO_W	101	0	0	27	00:00	0	-	0.65	0.65	27
KOPPAL_RENEWOJAS_W	319	0	162	317	13:40	138	06:05	4.94	4.94	206
KOPPAL_RENEWROSHNI_W	291	168	155	255	15:16	91	07:49	3.69	3.69	154
KURNOOL_AMGREEEN_W	304	0	0	224	00:00	0	12:23	5.37	5.37	224
MYTRA(1 * 250)	250	201	105	221	16:31	74	12:03	3.43	3.43	143
ORANGE(1 * 200)	200	170	125	184	17:09	0	07:51	2.85	2.85	119
PGLR_SAUPL_W	53	0	0	0	00:00	0	-	0	0	0
PGLR_SREPL(1 * 300)	300	252	197	264	17:48	192	06:59	5.6	5.6	233
TUTICORINJSWRENEWW(1 * 51.3)	540	291	159	291	20:00	0	-	4.02	4.02	168
VIVID SOLAIRE (BEETAM)(1 * 220)	220	208	162	221	17:25	99	12:46	4.05	4.05	169
Total RENEWABLE_WIND	4,469	2,416	2,079					60.98	60.98	2,543

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	212	14:38	1	06:01	0.73	0.73	61
ANP_ATHENA BIWADI(1 * 50)	50	0	0	52	14:18	0	06:00	0.22	0.22	18
ANP_ATHENA HISAR(1 * 50)	50	0	0	53	10:51	0	06:00	0.25	0.25	21
ANP_ATHENA KARNAL(1 * 50)	50	0	0	52	10:14	0	06:00	0.24	0.24	20
ANP_AYANA(1 * 250)	250	0	0	222	09:52	1	06:00	0.78	0.78	65
ANP_AZURE(1 * 50)	50	0	0	47	13:39	0	06:10	0.21	0.21	18
ANP_IGS1(1 * 50)	50	0	0	52	12:47	49	11:36	0.22	0.22	18
ANP_IGS2(1 * 50)	50	0	0	664	06:50	0	06:00	0.25	0.25	21
ANP_NTPC(5 * 50)	250	0	0	106	09:18	1	17:47	0.48	0.48	40
ANP_TATA(2 * 50)	100	0	0	96	12:49	0	06:10	0.41	0.41	34
SPRING ANG ITRA(1 * 250)	250	0	0	163	14:39	0	06:05	0.71	0.71	59
PAVAGADA										
PVG_ADYAH(6 * 50)	300	0	0	55	00:00	0	06:00	1.32	1.32	110
PVG_AMPLUS PAVAGADA(1 * 50)	50	0	0	51	12:10	1	06:00	0.21	0.21	18
PVG_AMPLUS TUMKUR(1 * 50)	50	0	0	51	12:06	1	06:00	0.21	0.21	18
PVG_AVAADA SOLAR(3 * 50)	150	0	0	152	12:15	1	06:00	0.64	0.64	53
PVG_AVAADA SOLARISE(3 * 50)	150	0	0	154	12:17	1	06:00	0.59	0.59	49
PVG_AZURE POWER EARTH (2 * 50)	100	0	0	76	12:22	1	06:00	0.35	0.35	29
PVG_FORTUM FIN SURYA(2 * 50)	100	0	0	74	11:58	1	06:00	0.3	0.3	25
PVG_IRCON_S	225	0	0	56	00:00	0	-	1.34	1.34	112
PVG_KREDL(1 * 50)	50	0	0	48	12:14	1	06:00	0.21	0.21	18
PVG_PARAMPUJYA(3 * 50)	150	0	0	129	12:18	1	06:00	0.53	0.53	44
PVG_RENEW TN2(1 * 50)	50	0	0	53	12:20	1	06:00	0.21	0.21	18
PVG_SBG ENERGY(4 * 50)	200	0	0	196	12:19	50	14:32	0.8	0.8	67
PVG_SPRING SOLAR INDIA(5 * 50)	250	0	0	135	10:09	1	06:00	0.7	0.7	58
PVG_TATA RENEWABLES(8 * 50)	400	0	0	212	10:12	1	06:00	0.93	0.93	78
PVG_YARROW(1 * 50)	50	0	0	51	12:13	1	06:00	0.21	0.21	18
OTHER										
GADAG_SERENTICA3_S	69	0	0	25	00:00	0	-	0.59	0.59	49
GADAG_VENA_S	31	0	0	4	00:00	0	-	0.1	0.1	8
GRT(1 * 150)	150	0	0	154	12:08	0	06:00	1	1	83
KOPPAL_KLEIO_S	105	0	0	27	00:00	0	-	0.64	0.64	53
KOPPAL_RENEWOJAS_S	81	0	0	10	00:00	0	12:23	0.24	0.24	20
KOPPAL_SRI1PL_S	188	0	0	25	00:00	0	-	0.59	0.59	49
KURNOOL_AMGREEN_S	599	0	0	0	00:00	0	-	0	0	0
NTPC ETTAYAPURAM SOLAR PLANT	230	0	0	250	10:38	0	06:00	1.63	1.63	136
RAMANGUNDAM (SOLAR)(1 * 100)	100	0	0	85	14:58	0	06:00	0.32	0.32	27
SIMHADRI (SOLAR)(1 * 25)	25	0	0	0	00:00	0	09:39	0	0	0
Total	5,253	0	0					18.16	18.16	1,515

Total ISGS IPP Thermal	22,470	10,248	7,562					211.28	191.14	
STATE THERMAL	28,342	14,319	11,424					302.29	266.74	
Total CPP Import										
Total ISGS & IPP Hydro										
HYDEL	13,487	8,634	7,625	-	-	-	-	193.95	192.68	
GAS/NAPTHA/DIESEL	6,826	208	212	-	-	-	-	7.01	6.76	
NUCLEAR	3,320	1,664	1,665	-	-	-	-	41.34	38.46	
WIND	23,583	11,504	9,473	-	-	-	-	270.77	270.77	
SOLAR	30,643	0	0	-	-	-	-	108.44	108.44	
OTHERS	4,752	729	661	-	-	-	-	25.04	25.04	

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	507	523	-	12.19	0	12.19
3	765KV-SRIKAKULAM-ANGUL	1,243	1,194	2,233	-	29.13	0	29.13
4	HVDC500KV-TALCHER-KOLAR_DC	989	989	1,970	-	27.18	0	27.18
	Sub-Total EAST REGION	2,738	2,690	4,726	0	68.5	0	68.5
	Import/Export between SOUTH REGION and WEST REGION							
1	220KV-AMBEWADI-PONDA	0	0	-	-	0	0	0
2	220KV-AMBEWADI-XELDEM	92	78	-	106	0	2.05	-2.05
3	220KV-CHIKKODI-MUDASANGI	0	0	8	-	-	-	-
4	220KV-CHIKKODI-TALANGADE	-	-	-	-	-	-	-
5	220KV-LOWER_SILERU-BARSUR	-	-	-	-	-	-	-
6	400KV-BHADRAVTAHI-RAMAGUNDAM	309	309	316	-	0	7.41	-7.41
7	400KV-KUDGI_PG-KHOLAPUR_PG	1,333	1,071	-	1,816	0	30.58	-30.58
8	765KV-NIZAMABAD-WARDHA	347	803	2,165	-	21.24	0	21.24
9	765KV-RAICHUR_PG-SHOLAPUR	1,426	760	-	1,696	0	19.42	-19.42

10	765KV-WARANGAL(NEW)-WARORA	377	831	2,181	-	20.92	0	20.92
11	HVDC800KV-RAIGARH HVDC-PUGALUR HVDC	276	279	-	547	22	0	22
Sub-Total WEST REGION		4,160	4,131	4,670	4,165	64.16	59.46	4.7
TOTAL IR EXCHANGE		6,898	6,821	9,396	4,165	132.66	59.46	73.2

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	-6.44	-3.58	0	0.33	0	0	-30.04	47.707	77.747
SR-WR	4.96	-7.33	2.77	10.84	0	61.07	78	4.7	-73.3
Total	-1.48	-10.91	2.77	11.17	0	61.07	47.96	52.407	4.447

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	6.088	69.699	56.701	24.213

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

Maximum		Minimum		Average	Freq Variation	Standard	Freq. in 15 mnt blk	
Frequency	Time	Frequency	Time	Frequency	Index	Deviation	Max.	Min.
50.231	14:34:50	49.785	14:13:30	50.006	0.041	0.064	50.13	49.88

6.Voltage Profile: 400kV

	Maximum		Minimum		Voltage (in %)			
STATION	VOLTAGE	TIME	VOLTAGE	TIME	< 380	< 390	> 420	> 430
GHANAPUR - 400KV	427	23:57	406	07:00	0	0	39.722	0
GOOTY - 400KV	420	01:11	401	10:27	0	0	0	0
HIRIYUR - 400KV	429	01:41	407	09:17	0	0	60.556	0
KAIGA - 400KV	424	01:26	397	09:26	0	0	15.972	0
KOLAR_AC - 400KV	423	02:02	396	10:33	0	0	14.514	0
KUDANKULAM - 400KV	417	00:00	397	10:48	0	0	0	0
SHANKARAPALLY - 400KV	414	02:48	405	09:17	0	0	0	0
SOMANAHALLI - 400KV	417	01:18	392	10:28	0	0	0	0
SRIPERUMBADUR - 400KV	412	03:48	394	10:30	0	0	0	0
TRICHY - 400KV	416	00:00	394	10:46	0	0	0	0
TRIVANDRUM - 400KV	423	00:00	399	10:46	0	0	21.181	0
VIJAYAWADA - 400KV	409	09:36	396	09:30	0	0	0	0

6.1 Voltage Profile: 220kV

	Maximum		Minimum		Voltage (in %)			
STATION	VOLTAGE	TIME	VOLTAGE	TIME	< 198	< 210	> 235	> 245
GHANAPUR - 220KV	237	23:59	223	07:05	0	0	15.278	0
GOOTY - 220KV	228	01:11	218	10:27	0	0	0	0
HIRIYUR - 220KV	228	21:52	215	10:27	0	0	0	0
KAIGA - 220KV	240	01:37	240	01:37	0	0	20.556	0
KOLAR_AC - 220KV	231	21:55	216	10:35	0	0	0	0
SOMANAHALLI - 220KV	225	14:35	207	10:27	0	7.569	0	0
SRIPERUMBADUR - 220KV	230	00:00	230	00:00	0	0	0	0
TRICHY - 220KV	232	00:00	218	10:20	0	0	0	0
TRIVANDRUM - 220KV	233	04:04	233	04:04	0	0	0	0
VIJAYAWADA - 220KV	231	03:55	225	09:27	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	23:59	754	06:55	0	0	15.28	0
NIZAMABAD - 765KV	806	01:19	773	06:55	0	0	96.11	25.14
RAICHUR_PG - 765KV	790	23:59	760	06:50	0	0	51.53	0
SRIKAKULAM - 765KV	794	04:01	766	06:55	0	0	69.44	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	1,494	0	1,268	12.74	9.35	12.74	5.6
IDUKKI	694.94	732.43	2,148	726.01	1,663	722.8	1,432	15.14	8.68	15.14	8.56
JALAPUT	818.39	838.4	534	837.59	503	837.06	476	3.92	2.31	3.92	2.31
N.SAGAR	155.45	179.9	1,398	178.52	923	178.98	957	3.39	19.56	3.39	19.74
SRISAILAM	243.84	270.7	1,392	268.74	925	269.57	1,008	10.82	31.92	10.82	32.34
SUPA	495	564	3,159	559.6	2,762	560.72	2,860	22.89	13.57	22.89	13.75
LINGANAMAKKI	522.73	554.5	4,557	553.97	4,407	553.97	4,407	37.74	18.09	37.74	19.11
KAKKI	908.3	981.45	916	976.3	725	968.26	507	4.67	5.84	4.67	5.87
TOTAL	-	-	15,608	-	13,402	-	12,915	111.31	116.11	111.31	113.96

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	-187.69	-11.38	143.68	0	181	0	0	0	0	0	0	0	0
KARNATAKA	-630.93	-98.67	-13.11	0	-42.16	0	0	0	0	0	0	0	0
KERALA	-246	0	3.59	0	161.88	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	0	0	0	0	0	0	0	0	0	0	0
TAMILNADU	517.83	100.13	154.74	0	-682.41	0	0	0	0	0	0	0	0
TELANGANA	14.48	34.39	941.73	0	2,561.67	0	0	0	0	0	0	0	0
TOTAL	-532.31	24.47	1,230.63	0	2,179.98	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	-201.06	-10.6	164.6	0	284.64	0	0	0	0	0	0	0	0
KARNATAKA	-630.93	-67.38	-117.13	0	-42.94	0	212.01	0	0	0	0	0	0
KERALA	-96	0	141.03	0	401.07	0	0	0	0	0	0	0	0
PONDICHER ..	0	115.64	0	0	-4	0	0	0	0	0	0	0	0
TAMILNADU	1,969.69	43.37	260.93	0	63.46	0	0	0	0	0	0	0	0
TELANGANA	7.7	4.12	749.12	0	61.97	0	0	0	0	0	0	0	0
TOTAL	1,049.4	85.15	1,198.55	0	764.2	0	212.01	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	28.58	-4.14	0.59	4.3	0	3.74	33.07
KARNATAKA	39.66	-13.61	-2.5	0.92	0	-0.46	24.01
KERALA	37.37	-2.97	0.45	0.99	0	6.96	42.8
PONDICHERRY	8.75	0.11	0.44	0	0	-0.14	9.16
TAMILNADU	136.08	17.09	2.55	-7.92	0	-7.03	140.77
TELANGANA	38.03	1.55	1.86	14.15	0	55.02	110.61
TOTAL	288.47	-1.97	3.39	12.44	0	58.09	360.42

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	1,531.07	874.41	-128.5	-201.55	93.32	-13.51	0	0	0	0	510.45	-119	0	0
KARNATAKA	2,966.23	858.25	-408.64	-630.93	-32.93	-157.03	0	0	0	0	758.46	-117.13	212.01	0
KERALA	2,069.43	1,023.06	-69.25	-246	45.78	0	0	0	0	0	185.06	-1.9	0	0
PONDICHERRY	466.38	303.81	13.98	0	161.9	0	0	0	0	0	0	0	0	0
TAMILNADU	6,602.11	4,034.19	2,066.06	-25	191.97	40.28	0	0	0	0	582.71	-1841.9	0	0
TELANGANA	2,580.38	243.94	173.67	6.3	209.68	4.12	0	0	0	0	2427.08	-139.81	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	347.51	-33.9	0	0	0	0
KARNATAKA	0	0	0	0	0	0	0	0	184.04	-55.76	0	0	0	0
KERALA	0	0	0	0	0	0	0	0	643.18	14.14	0	0	0	0
PONDICHER ..	0	0	0	0	0	0	0	0	63.6	-71	0	0	0	0
TAMILNADU	0	0	0	0	0	0	0	0	347.13	-1,220	0	0	0	0
TELANGANA	0	0	0	0	0	0	0	0	4,194.96	45.38	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):

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)Due to S/D of Madakathara ICT-1, S3 import TTC/ATC curtailed by 300MW from 32 to 72 time block

13. Weather Condition:

Karnataka:Moderate rains reported in entire state.
Telangana: Moderate rains reported in entire state.
Andhra Pradesh:Light rains reported at EPDCL area and Kurnool area.
Tamilnadu:Light rains reported in Chennai,Vellore,Pondy 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	
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	1	0	0	0	0	0	0	0	0	0	0
KARNATAKA	2	0	0	0	0	0	0	0	7	0	0	0
KERALA	0	0	0	0	0	0	0	0	0	0	0	0
TAMILNADU	1	2	0	0	0	0	0	0	6	4	0	0
PONDICHERRY	0	0	0	0	0	0	0	0	0	0	0	0
TELANGANA	1	0	0	0	0	0	0	0	0	0	0	0

REMARKS:

Shift In Charge