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

Power Supply Position in Southern Region For 31-Aug-2025

Date of Reporting:01-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 #
44,518	0	44,518	50.08	42,141	0	42,141	50	1,103.28	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	100.93	24.61	0	39.4	13.45	2.69	37.9	36.39	-1.51	218.99	217.48	0
KARNATAKA	40.6	60.06	0	46.19	26.43	15.12	19.17	19.44	0.27	207.58	207.84	0
KERALA	0	37.49	0	0.74	1.14	0.26	34.4	34.56	0.16	74.04	74.2	0
PONDICHERRY	0	0	0.56	0	0.05	0	9.22	9.2	-0.02	9.82	9.81	0
TAMILNADU	64.89	24.32	1.57	98.48	47.3	5.07	111.69	112.85	1.16	353.32	354.48	0
TELANGANA	63.59	41.33	0	1.21	14.98	1.96	112.34	116.4	4.06	235.41	239.47	0
Region	270.01	187.81	2.13	186.02	103.35	25.1	324.72	328.84	4.12	1,099.16	1,103.28	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	8,981	0	8,981	8,701	0	8,701	8,729	212	5.48
KARNATAKA	7,963	0	7,963	6,899	0	6,899	8,576	196.62	11.22
KERALA	3,726	0	3,726	2,706	0	2,706	2,949	71.4	2.8
PONDICHERRY	414	0	414	401	0	401	391	9.5	0.31
TAMILNADU	14,710	0	14,710	14,455	0	14,455	15,092	369	-14.52
TELANGANA	8,724	0	8,724	8,979	0	8,979	10,234	230	9.47
Region	44,518	0	44,518	42,141	0	42,141	45,971	1,088.52	14.76

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	10,090	12:22	0	10,090	10,090	12:22	0	10,090	1,227.09	17:16	-550.98	19:04
KAR	11,160	10:00	0	11,160	11,160	10:00	0	11,160	521.24	16:08	-885.79	09:31
KER	3,786	19:00	0	3,786	3,786	19:00	0	3,786	287.27	00:00	-365.26	10:49
PONDY	451	21:45	0	451	451	21:45	0	451	326.61	04:38	-46.34	18:42
TN	15,774	10:00	0	15,774	15,774	10:00	0	15,774	726.29	15:31	-1,157.64	08:31
TG	12,399	09:44	0	12,399	12,399	09:44	0	12,399	669.61	12:58	-1,330.93	08:16
Region	51,941	09:22:59	0	51,941	51,941	09:22:59	0	51,941	1,503.59	17:02	-2,115.6	08:31

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	943	938	963	20:57	554	17:47	18.8	17.71	738
KRISHNAPATTANAM (3 * 800)	2,400	1,604	1,737	1,765	04:19	1,158	12:02	37.35	35.19	1,466
RAYALASEEMA TPP(1 * 600 + 5 * 210)	1,650	864	567	1,071	23:03	519	11:25	17.79	15.82	659
SEIL P2 UNIT-2(1 * 660)	660	0	0	0	00:00	0	10:48	0	0	0
VIJAYAWADA TPS(1 * 800 + 1 * 500 + 6 * 210)	2,560	1,327	1,264	1,618	23:15	1,194	06:01	35.48	32.21	1,342
OTHER THERMAL	0	0	0	0	00:00	0	-	-	-	-
Total THERMAL	8,310	4,738	4,506	-	-	-	-	109.42	100.93	4,205
HAMPI	36	0	0	20	00:00	0	-	0.48	0.48	20
LOWER SILERU(4 * 115)	460	13	13	158	05:29	13	08:31	3.8	3.78	158
SRISAILAM RBPH(7 * 110)	770	632	637	640	06:23	623	16:58	15.25	15.21	634
UPPER SILERU(4 * 60)	240	0	108	167	21:54	2	06:11	1.1	1.1	46
OTHER HYDEL	431	337	425	425	00:00	0	-	4.04	4.03	168
Total HYDEL	1,937	982	1,183	-	-	-	-	24.67	24.6	1,026
GAUTAMI CCPP(1 * 174 + 2 * 145)	464	0	0	0	00:00	0	08:31	0	0	0
GMR (BARG)(1 * 237)	237	0	0	0	00:00	0	08:31	0	0	0
JEGURUPADU (GAS)(1 * 49.9 + 1 * 75.5 + 2 * 45.8)	217	0	0	0	00:00	0	08:31	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	08:31	0	0	0
LANCO (GAS)(1 * 121 + 2 * 115)	351	0	0	0	00:00	0	08:31	0	0	0
RELIANCE ENERGY LTD. (GAS)(1 * 140 + 1 * 80)	220	0	0	0	00:00	0	08:31	0	0	0
SPECTRUM (GAS)(1 * 46.8 + 1 * 68.8 + 2 * 46.1)	208	0	0	0	00:00	0	08:31	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	08:31	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	1,570	1,746	2,560	09:51	1,249	07:20	39.4	39.4	1,642
SOLAR	3,356	0	0	1,838	12:30	1	06:03	13.45	13.45	560
OTHERS	619	97	99	112	05:29	88	08:31	2.69	2.69	112
Total AP	21,342	7,387	7,534	-	-	-	-	189.63	181.07	7,545

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	556	583	698	08:33	546	12:06	15.18	13.38	558
KAKATIYA ST1&ST2(1 * 500 + 1 * 600)	1,100	789	872	1,031	00:21	587	15:34	17.39	16.25	677
KOTHAGUDEM TPS(1 * 500 + 1 * 800 + 2 * 250)	1,800	574	589	740	08:53	556	13:22	15.24	14.18	591
RAMAGUNDAM-B(1 * 62.5)	63	0	0	0	00:00	0	08:31	0	0	0
SINGARENI TPS(2 * 600)	1,200	962	690	1,209	21:00	668	16:25	17.56	16.26	678
YADADRI(2 * 800)	1,600	0	450	569	00:00	0	07:42	3.91	3.52	147
Total THERMAL	6,843	2,881	3,184					69.28	63.59	2,651
NAGARJUNA SAGAR(1 * 110 + 7 * 100.8)	816	793	813	825	16:57	746	13:03	19.64	19.58	816
NAGARJUNA SAGAR (PUMP)(1 * 110 + 7 * 100.8)	816	0	0	0	00:00	0	-	0	0	0
SRISAILAM LBPH(6 * 150)	900	702	709	713	05:51	683	13:04	17.03	17	708
SRISAILAM LBPH(PUMP)(6 * 150)	900	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	957	252	159	252	00:00	0	08:31	4.79	4.75	198
Total HYDEL	2,673	1,747	1,681					41.46	41.33	1,722
WIND	128	0	0	51	00:00	0	-	1.21	1.21	50
SOLAR	3,818	0	0	2,005	12:50	0	06:00	14.98	14.98	624
OTHERS	252	0	0	82	00:00	0	-	1.96	1.96	82
Total TG	13,714	4,628	4,865					128.89	123.07	5,129

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	271	771	865	07:29	258	13:21	12.63	11.62	484
JINDAL(2 * 130 + 4 * 300)	1,460	0	0	338	18:56	0	-	22.75	20.93	51
JINDAL (EXCL. CAPTIVE CONSUMPTION)(2 * 130 + 4 * 300)	1,460	201	49	338	18:56	0	06:44	1.23	1.23	51
RAICHUR TPS(1 * 250 + 7 * 210)	1,720	490	452	531	19:40	454	13:52	12.86	11.4	475
UPCL(2 * 600)	1,200	795	620	1,037	06:22	585	12:22	17.48	16.35	681
YERAMARAS TPS(2 * 800)	1,600	0	0	0	00:00	0	13:45	0	0	0
Total THERMAL	7,680	1,757	1,892	-	-	-	-	44.2	40.6	870
NAGJHERI(1 * 135 + 5 * 150)	885	551	303	710	21:42	201	16:13	10.38	10.29	429
SHARAVATHI(10 * 103.5)	1,035	794	797	852	10:09	437	14:01	18.47	18.33	764
VARAHI UGPH(4 * 115)	460	289	131	342	17:38	44	13:58	4.82	4.75	198
OTHER HYDEL	2,137	1,520	1,509	1,520	00:01	945	08:33	26.7	26.7	1,113
Total HYDEL	4,517	3,154	2,740	-	-	-	-	60.37	60.07	2,504
OTHER GAS/NAPTHA/DIESEL	126	0	0	0	00:00	1	08:31	0	0	0
Total GAS/NAPTHA/DIESEL	126	0	0	-	-	-	-	0	0	0
WIND	5,440	2,344	1,780	2,663	16:09	1,482	07:38	46.19	46.19	1,925
SOLAR	6,571	0	0	3,311	13:15	12	06:00	26.43	26.43	1,101
OTHERS	1,832	85	69	1,731	06:48	59	16:52	15.12	15.12	1,731
Total KAR	26,166	7,340	6,481	-	-	-	-	192.31	188.41	8,131

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	697	273	766	21:34	48	12:57	8.11	8.08	337
LOWER PERIYAR (3 * 60)	180	168	168	169	21:15	167	13:03	4.04	4.03	168
SABARIGIRI(2 * 60 + 4 * 55)	340	241	246	249	11:23	147	13:10	5.84	5.83	243
OTHER HYDEL	834	715	708	815	00:34	379	06:36	19.55	19.55	815
Total HYDEL	2,134	1,821	1,395	-	-	-	-	37.54	37.49	1,563
BRAHMAPURAM DGPP (DIESEL)(3 * 21.32)	64	0	0	0	00:00	2	13:49	0	0	0
BSES (NAPTHA)(1 * 35.5 + 3 * 40.5)	157	0	0	0	00:00	0	08:31	-	-	-
KOZHIKODE DPP (DIESEL)(6 * 16)	96	0	0	0	00:00	0	08:31	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	08:31	0	0	0
OTHER GAS/NAPTHA/DIESEL	22	0	0	0	00:00	0	08:31	-	-	-
Total GAS/NAPTHA/DIESEL	709	0	0	-	-	-	-	0	0	0
WIND	70	0	0	31	00:00	0	-	0.74	0.74	31
SOLAR	1,988	0	0	48	00:00	0	-	1.14	1.14	48
OTHERS	20	0	0	11	00:00	0	-	0.26	0.26	11
Total KER	4,921	1,821	1,395	-	-	-	-	39.68	39.63	1,653

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	997	1,169	1,179	04:05	978	10:56	24.94	22.68	945
NCTPS STG3(Infirm - 800 MW)	0	0	0	0	00:00	0	-	0	0	0
NORTH CHENNAI TPS STG-II(2 * 600)	1,200	749	432	766	19:54	321	09:19	12.34	11.09	462
NORTH CHENNAI TPS(3 * 210)	630	107	116	124	00:33	88	12:51	3.06	2.39	100
OPG PGPL	414	0	0	188	00:00	0	-	5.08	4.52	188
SEPC(1 * 525)	525	269	345	509	07:37	240	13:21	9.48	8.93	372
ST - CMS(1 * 250)	250	169	248	251	22:39	163	07:34	4.71	4.33	180
TUTICORIN(5 * 210)	1,050	444	497	515	00:16	429	10:29	12.35	10.96	457
Total THERMAL	5,509	2,735	2,807					71.96	64.9	2,704
KADAMPARAI (4 * 100)	400	0	101	102	02:01	5	12:37	0.65	0.65	27
KADAMPARAI (PUMP)(4 * 100)	400	0	0	26	00:00	0	-	0.63	0.63	26
OTHER HYDEL	1,826	799	928	987	02:48	36	07:00	23.89	23.68	987
Total HYDEL	2,226	799	1,029					25.17	24.33	1,014
BASIN BRIDGE (NAPTHA)(4 * 30)	120	0	0	0	00:00	0	13:31	0	0	0
KOVIL KALAPPAL (GAS)(1 * 37.8 + 1 * 70)	108	0	0	0	00:00	0	06:20	0	0	0
KUTTALAM (GAS)(1 * 37 + 1 * 64)	101	0	0	0	00:00	0	06:01	0	0	0
MADURAI POWER CL (DIESEL)(1 * 106)	106	0	0	0	00:00	0	08:31	0	0	0
P P NALLUR (NAPTHA)(1 * 330.5)	331	0	0	0	00:00	0	08:31	0	0	0
SAMALPATTY (DIESEL)(7 * 15.1)	106	0	0	0	00:00	0	08:31	0	0	0
VALATTUR(STG1&STG2)(1 * 32 + 1 * 35 + 2 * 60)	187	32	35	65	10:09	27	06:13	1.69	1.57	65
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	32	35					1.69	1.57	65
WIND	9,392	4,640	4,172	5,040	16:51	2,907	07:06	98.48	98.48	4,103
SOLAR	9,555	0	0	6,611	12:19	11	06:05	47.3	47.3	1,971
OTHERS	2,029	485	531	535	05:29	480	08:31	5.07	5.07	211
Total TN	30,132	8,691	8,574					249.67	241.65	10,068

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	06:00	0	0	0
NEYVELI TS I EXPN (2 * 210)	420	149	88	170	20:15	83	06:00	2.54	2.35	98
NEYVELI TS II(7 * 210)	1,470	533	571	584	00:45	484	14:45	15.73	12.17	507
NEYVELI TS II EXPN (2 * 250)	500	311	280	348	22:52	167	13:54	7.7	6.49	270
NNTPS(2 * 500)	1,000	916	853	937	19:18	536	11:29	18.91	16.75	698
NTPC-TELANGANA STPP(2*800)	1,600	534	430	534	20:00	0	-	12.24	11	458
RAMAGUNDAM(3 * 200 + 4 * 500)	2,600	628	598	876	19:42	595	15:11	17.09	15.67	653
SIMHADRI STAGE I(2 * 500)	1,000	789	499	903	00:09	490	09:49	14.36	13.19	550
SIMHADRI STAGE II(2 * 500)	1,000	374	262	489	06:46	246	12:44	7.89	7.4	308
TALCHER ST2(4 * 500)	2,000	894	1,365	1,393	03:39	512	14:43	23.76	21.9	913
Total THERMAL	13,990	5,128	4,946	-	-	-	-	120.22	106.92	4,455
KAIGA STG1(2 * 220)	440	196	191	201	00:00	188	16:25	5.33	4.83	201
KAIGA STG2(2 * 220)	440	430	427	439	23:54	423	07:28	11.46	10.54	439
KUDANKULAM(2 * 1000)	2,000	1,021	1,018	1,033	08:40	1,009	15:30	24.64	22.78	949
MAPS(2 * 220)	440	234	238	246	13:51	224	16:25	5.24	4.11	171
Total NUCLEAR	3,320	1,881	1,874	-	-	-	-	46.67	42.26	1,760
Total ISGS	17,310	7,009	6,820					166.89	149.18	6,215

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	501	532	625	19:28	361	14:44	13.02	12.17	507
VALLUR TPS(3 * 500)	1,500	905	781	1,168	19:44	737	12:59	20.79	18.97	790
Total THERMAL	2,500	1,406	1,313	-	-	-	-	33.81	31.14	1,297
Total JOINT_VENTURE	2,500	1,406	1,313					33.81	31.14	1,297

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	486	308	510	19:45	287	08:48	8.6	7.88	328
IL&FS(2 * 600)	1,200	541	298	549	23:25	299	14:54	9.89	9.07	378
JINDAL POWER LIMITED (SIMHAPURI UNIT)(4 * 150)	600	185	152	343	00:11	121	11:12	4.42	3.95	165
MEENAKSHI ENERGY LTD STAGE1(2 * 150)	300	0	0	0	00:00	0	08:30	0	0	0
MEENAKSHI ENERGY LTD STAGE2(2 * 350)	700	0	0	107	00:00	0	-	2.91	2.57	107
SEIL P1(2 * 660)	1,320	1,223	1,027	1,258	20:23	502	15:08	21.13	19.86	828
SEIL P2 UNIT-1(1 * 660)	660	623	512	631	00:36	304	15:04	12.28	11.6	483
Total THERMAL	5,980	3,058	2,297	-	-	-	-	59.23	54.93	2,289
LKPPL ST2(1 * 133 + 1 * 233)	366	0	0	0	00:00	2	12:57	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	3,058	2,297					59.23	54.93	2,289

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	57	58	62	10:03	18	15:37	1.25	1.25	52
GADAG_RSPPL_W	175	203	107	152	20:00	204	15:27	3.65	3.65	152
GADAG_VENA_W	133	120	123	120	20:00	0	-	2.16	2.16	90
GREEN INFRA(1 * 249.90)	250	242	208	248	20:27	51	09:52	4.18	4.18	174
HIRIYUR_OSTRO(1 *300.3)	300	0	0	191	00:00	0	08:36	4.59	4.59	191
HIRIYUR_ZREPL_W	66	43	53	44	20:00	0	-	1.06	1.06	44
JSW RENEW ENERGY TWO LTD	300	222	84	283	17:36	2	09:04	2.35	2.35	98
KARUR_JSWRENEW_W	162	132	135	132	20:00	0	-	2.93	2.93	122
KARUR_JSWRETWO_W	150	84	83	84	20:00	0	-	1.99	1.99	83
KOPPAL_AYANASIX_W	300	206	141	206	20:00	0	-	4.04	4.04	168
KOPPAL_KLEIO_W	101	0	0	42	00:00	0	-	1	1	42
KOPPAL_RENEWOJAS_W	319	0	102	305	16:15	93	07:38	4.96	4.96	207
KOPPAL_RENEWROSHNI_W	291	232	125	253	13:49	78	07:49	3.75	3.75	156
KURNOOL_AMGREEEN_W	304	0	0	183	00:00	0	08:31	4.39	4.39	183
MYTRA(1 * 250)	250	131	118	220	16:42	62	09:09	3.06	3.06	128
ORANGE(1 * 200)	200	177	144	187	16:34	0	09:56	3.23	3.23	135
PGLR_SAUPL_W	53	0	47	47	03:00	0	-	1	1	42
PGLR_SREPL(1 * 300)	300	255	219	263	18:20	109	07:26	4.18	4.18	174
TUTICORINJSWRENEWW(1 * 51.3)	540	278	200	278	20:00	0	-	5.9	5.9	246
VIVID SOLAIRE (BEETAM)(1 * 220)	220	215	204	220	18:04	89	09:16	4.2	4.2	175
Total RENEWABLE_WIND	4,469	2,597	2,151					63.87	63.87	2,662

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	220	11:29	1	06:01	0.68	0.68	57
ANP_ATHENA BIWADI(1 * 50)	50	0	0	52	12:54	0	06:00	0.27	0.27	23
ANP_ATHENA HISAR(1 * 50)	50	0	0	51	12:19	0	06:00	0.23	0.23	19
ANP_ATHENA KARNAL(1 * 50)	50	0	0	50	11:40	0	06:00	0.24	0.24	20
ANP_AYANA(1 * 250)	250	0	0	220	09:29	1	06:01	0.64	0.64	53
ANP_AZURE(1 * 50)	50	0	0	44	12:33	0	06:10	0.23	0.23	19
ANP_IGS1(1 * 50)	50	0	0	49	13:17	0	06:00	0.23	0.23	19
ANP_IGS2(1 * 50)	50	0	0	53	12:25	0	06:00	0.26	0.26	22
ANP_NTPC(5 * 50)	250	0	0	157	09:32	1	06:02	1.09	1.09	91
ANP_TATA(2 * 50)	100	0	0	92	12:31	0	06:00	0.44	0.44	37
SPRING ANG ITRA(1 * 250)	250	0	0	211	09:42	0	06:04	0.79	0.79	66
PAVAGADA										
PVG_ADYAH(6 * 50)	300	0	0	73	00:00	0	14:40	1.74	1.74	145
PVG_AMPLUS PAVAGADA(1 * 50)	50	0	0	52	12:54	1	06:03	0.28	0.28	23
PVG_AMPLUS TUMKUR(1 * 50)	50	0	0	51	12:56	1	06:03	0.28	0.28	23
PVG_AVAADA SOLAR(3 * 50)	150	0	0	151	10:12	1	06:03	0.86	0.86	72
PVG_AVAADA SOLARISE(3 * 50)	150	0	0	156	12:01	1	06:03	0.82	0.82	68
PVG_AZURE POWER EARTH (2 * 50)	100	0	0	76	14:25	1	06:03	0.45	0.45	38
PVG_FORTUM FIN SURYA(2 * 50)	100	0	0	74	14:25	1	06:03	0.39	0.39	33
PVG_IRCON_S	225	0	0	63	00:00	0	-	1.5	1.5	125
PVG_KREDL(1 * 50)	50	0	0	48	11:42	1	06:03	0.26	0.26	22
PVG_PARAMPUJYA(3 * 50)	150	0	0	126	14:28	1	06:03	0.73	0.73	61
PVG_RENEW TN2(1 * 50)	50	0	0	53	12:06	1	06:03	0.26	0.26	22
PVG_SBG ENERGY(4 * 50)	200	0	0	195	14:31	0	06:03	1.08	1.08	90
PVG_SPRING SOLAR INDIA(5 * 50)	250	0	0	165	09:52	1	06:03	0.67	0.67	56
PVG_TATA RENEWABLES(8 * 50)	400	0	0	271	09:52	1	06:03	0.76	0.76	63
PVG_YARROW(1 * 50)	50	0	0	51	13:09	1	06:03	0.27	0.27	23
OTHER										
GADAG_SERENTICA3_S	69	0	0	23	00:00	0	-	0.55	0.55	46
GADAG_VENA_S	31	0	0	7	00:00	0	-	0.16	0.16	13
GRT(1 * 150)	150	0	0	154	12:42	0	06:00	1.01	1.01	84
KOPPAL_KLEIO_S	105	0	0	18	00:00	0	-	0.43	0.43	36
KOPPAL_RENEWOJAS_S	81	0	0	15	00:00	0	08:31	0.35	0.35	29
KOPPAL_SRI1PL_S	188	0	0	43	00:00	0	-	1.02	1.02	85
KURNOOL_AMGREEN_S	599	0	0	55	00:00	0	-	1.33	1.33	111
NTPC ETTAYAPURAM SOLAR PLANT	230	173	0	249	11:46	1	06:00	1.6	1.6	133
RAMANGUNDAM (SOLAR)(1 * 100)	100	0	0	104	13:01	0	06:00	0.31	0.31	26
SIMHADRI (SOLAR)(1 * 25)	25	0	0	3	00:00	0	08:36	0.06	0.06	5
Total	5,253	173	0					22.27	22.27	1,858

Total ISGS IPP Thermal	22,470	9,592	8,556					213.26	192.99	
STATE THERMAL	28,342	12,111	12,389					294.86	270.02	
Total CPP Import										
Total ISGS & IPP Hydro										
HYDEL	13,487	8,503	8,028	-	-	-	-	188.96	187.82	
GAS/NAPTHA/DIESEL	6,826	32	35	-	-	-	-	2.29	2.13	
NUCLEAR	3,320	1,880	1,874	-	-	-	-	46.67	42.26	
WIND	23,583	11,151	9,850	-	-	-	-	249.89	249.89	
SOLAR	30,643	173	0	-	-	-	-	125.62	125.62	
OTHERS	4,752	667	699	-	-	-	-	25.1	25.1	

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	203	203	208	-	4.87	0	4.87
3	765KV-SRIKAKULAM-ANGUL	1,453	1,704	2,503	-	35.48	0	35.48
4	HVDC500KV-TALCHER-KOLAR_DC	595	1,185	1,196	-	21.6	0	21.6
	Sub-Total EAST REGION	2,251	3,092	3,907	0	61.95	0	61.95
	Import/Export between SOUTH REGION and WEST REGION							
1	220KV-AMBEWADI-PONDA	0	0	-	-	0	0	0
2	220KV-AMBEWADI-XELDEM	103	81	-	110	0	2.11	-2.11
3	220KV-CHIKKODI-MUDASANGI	0	0	0	-	-	-	-
4	220KV-CHIKKODI-TALANGADE	-	-	-	-	-	-	-
5	220KV-LOWER_SILERU-BARSUR	-	-	-	-	-	-	-
6	400KV-BHADRAVTAHI-RAMAGUNDAM	307	307	311	-	0	7.39	-7.39
7	400KV-KUDGI_PG-KHOLAPUR_PG	1,390	944	-	1,601	0	27.88	-27.88
8	765KV-NIZAMABAD-WARDHA	681	1,099	2,462	-	26.1	0	26.1
9	765KV-RAICHUR_PG-SHOLAPUR	1,099	376	-	1,238	0	12.31	-12.31

10	765KV-WARANGAL(NEW)-WARORA	624	1,067	2,384	-	24.81	0	24.81
11	HVDC800KV-RAIGARH HVDC-PUGALUR HVDC	299	655	1,300	-	0	18.57	-18.57
Sub-Total WEST REGION		4,503	4,529	6,457	2,949	50.91	68.26	-17.35
TOTAL IR EXCHANGE		6,754	7,621	10,364	2,949	112.86	68.26	44.6

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	4.3	-3.07	0	0.11	0	0	-12.39	40.041	52.431
SR-WR	-9.92	-16.34	1.34	-5.19	0	49.81	27.96	-17.353	-45.313
Total	-5.62	-19.41	1.34	-5.08	0	49.81	15.57	22.688	7.118

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	2.755	74.583	55.313	22.662

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

Maximum		Minimum		Average	Freq Variation	Standard	Freq. in 15 mnt blk	
Frequency	Time	Frequency	Time	Frequency	Index	Deviation	Max.	Min.
50.32	19:32:00	49.813	17:38:10	50.015	0.049	0.069	50.25	49.88

6.Voltage Profile: 400kV

	Maximum		Minimum		Voltage (in %)			
STATION	VOLTAGE	TIME	VOLTAGE	TIME	< 380	< 390	> 420	> 430
GHANAPUR - 400KV	425	01:57	401	09:23	0	0	48.056	0
GOOTY - 400KV	421	03:02	400	09:47	0	0	2.847	0
HIRIYUR - 400KV	428	17:07	399	09:49	0	0	42.639	0
KAIGA - 400KV	420	17:07	394	09:52	0	0	0	0
KOLAR_AC - 400KV	425	03:05	398	09:34	0	0	29.028	0
KUDANKULAM - 400KV	419	05:42	401	09:44	0	0	0	0
SHANKARAPALLY - 400KV	414	01:56	408	08:46	0	0	0	0
SOMANAHALLI - 400KV	420	03:03	393	09:48	0	0	0	0
SRIPERUMBADUR - 400KV	412	03:59	402	09:45	0	0	0	0
TRICHY - 400KV	418	05:42	397	09:53	0	0	0	0
TRIVANDRUM - 400KV	428	05:53	402	09:23	0	0	31.389	0
VIJAYAWADA - 400KV	408	08:26	392	08:42	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	23:59	225	10:37	0	0	13.472	0
GOOTY - 220KV	229	03:15	216	09:47	0	0	0	0
HIRIYUR - 220KV	229	03:03	215	11:01	0	0	0	0
KAIGA - 220KV	236	17:09	222	09:53	0	0	2.153	0
KOLAR_AC - 220KV	232	06:03	217	09:49	0	0	0	0
SOMANAHALLI - 220KV	226	23:59	209	09:48	0	1.389	0	0
SRIPERUMBADUR - 220KV	230	00:00	230	00:00	0	0	0	0
TRICHY - 220KV	232	06:03	218	09:34	0	0	0	0
TRIVANDRUM - 220KV	235	06:02	223	09:43	0	0	0	0
VIJAYAWADA - 220KV	231	17:18	225	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	785	03:21	759	10:31	0	0	23.47	0
NIZAMABAD - 765KV	804	23:58	778	06:53	0	0	96.04	8.68
RAICHUR_PG - 765KV	791	03:26	764	10:33	0	0	57.15	0
SRIKAKULAM - 765KV	788	17:09	762	06:54	0	0	22.08	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	1,487	0	1,260	10.79	7.26	425.4	305.12
IDUKKI	694.94	732.43	2,148	725.66	1,635	722.52	1,412	10.28	10.28	468.11	357.57
JALAPUT	818.39	838.4	534	837.29	488	836.77	464	2.31	2.31	174.01	65.48
N.SAGAR	155.45	179.9	1,398	178.77	942	179.53	976	103.92	19.69	1,739.62	544.52
SRISAILAM	243.84	270.7	1,392	268.99	949	269.75	1,028	142.2	32.12	1,993.42	946.53
SUPA	495	564	3,159	559.18	2,725	560.47	2,838	29.11	12.18	547.72	360.32
LINGANAMAKKI	522.73	554.5	4,557	553.94	4,397	553.93	4,392	65.11	18.24	1,209.97	488.8
KAKKI	908.3	981.45	916	976.33	725	967.92	499	5.86	5.86	210.5	180.62
TOTAL	-	-	15,608	-	13,348	-	12,869	369.58	114.56	6,768.75	3,389.81

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	-208.63	-16.61	46.24	0	127.56	0	0	0	0	0	0	0	0
KARNATAKA	-614.74	-117.25	-14.39	0	-32.9	0	0	0	0	0	0	0	0
KERALA	-75.26	0	-10.2	0	47.6	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	0	0	-22	0	0	0	0	0	0	0	0
TAMILNADU	-35	37.87	123.5	0	33.25	0	0	0	0	0	0	0	0
TELANGANA	8.09	0.27	-6.81	0	1,103.82	0	0	0	0	0	0	0	0
TOTAL	-925.54	-95.72	138.34	0	1,257.33	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	-213.81	-18.6	43.84	0	256.84	0	0	0	0	0	0	0	0
KARNATAKA	-667.74	-59.54	-60.8	0	-42.2	0	0	0	0	0	0	0	0
KERALA	-75.26	22.99	53.49	0	546.45	0	0	0	0	0	0	0	0
PONDICHER ..	0	19.24	0	0	-17	0	0	0	0	0	0	0	0
TAMILNADU	801.21	19.34	385.37	0	-380.43	0	0	0	0	0	0	0	0
TELANGANA	8.09	-0.6	93.54	0	1,662.31	0	0	0	0	0	0	0	0
TOTAL	-147.51	-17.17	515.44	0	2,025.97	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	34.1	-4.52	0.96	3.09	0	4.27	37.9
KARNATAKA	35.72	-11.78	-2.37	-1.44	0	-0.96	19.17
KERALA	29.42	-1.42	0.57	0.58	0	5.25	34.4
PONDICHERRY	9.05	0.07	0.16	0	0	-0.06	9.22
TAMILNADU	126.15	6.26	1.46	-13.25	0	-8.93	111.69
TELANGANA	49	1.35	1.76	9.67	0	50.56	112.34
TOTAL	283.44	-10.04	2.54	-1.35	0	50.13	324.72

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	2,188.2	599.31	-155.61	-220.56	137.62	-20.6	0	0	0	0	291.51	-103.66	0	0
KARNATAKA	2,893.93	829.79	-138.96	-667.76	-49.76	-400.11	0	0	0	0	-8.03	-98.11	0	0
KERALA	1,678.06	776.92	-36.38	-75.26	56.19	0	0	0	0	0	54.55	-10.2	0	0
PONDICHERRY	438.12	300.02	7.7	0	48.1	0	0	0	0	0	0	0	0	0
TAMILNADU	6,180.36	3,954.86	993.64	-65	122.86	0	0	0	0	0	609.66	-2343.25	0	0
TELANGANA	3,200.02	1,154.59	173.5	8.09	205.82	-0.6	0	0	0	0	1672.12	-952.95	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	711.75	-293.47	0	0	0	0
KARNATAKA	0	0	0	0	0	0	0	0	-10.48	-246.46	0	0	0	0
KERALA	0	0	0	0	0	0	0	0	546.93	-0.5	0	0	0	0
PONDICHER ..	0	0	0	0	0	0	0	0	50.03	-49	0	0	0	0
TAMILNADU	0	0	0	0	0	0	0	0	173.82	-1,865.7	0	0	0	0
TELANGANA	0	0	0	0	0	0	0	0	4,422.46	-152.5	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 0.3.08.2025/15:38Hrs for construction related works associated with the upcoming 400kV Dommasandra (New) substation, for a period of four months. Expected revival on 31.12.2025
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:

Kerala- Light rains reported in northern part of the state.
Telengana : Moderate rains reported in northern part of the state.
Karnataka: Light rains reported in coastal 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	2	1	0	5	3	0	0	0	0	0	0
KARNATAKA	0	1	0	0	9	8	0	0	2	0	0	0
KERALA	0	0	0	0	1	0	0	0	0	0	0	0
TAMILNADU	1	0	0	0	11	1	0	0	0	0	0	0
PONDICHERRY	0	0	0	0	0	0	0	0	0	0	0	0
TELANGANA	0	0	1	0	8	18	0	0	0	0	0	0

REMARKS:

Shift In Charge