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

Power Supply Position in Southern Region For 11-Sep-2025

Date of Reporting:12-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 #
49,631	0	49,631	50.1	44,205	0	44,205	49.95	1,201.08	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	91.61	24.59	0	17.28	7.08	3.44	78.46	78.78	0.32	222.47	222.79	0
KARNATAKA	75.34	55.28	0.53	19.13	18.34	12.56	73.16	73.58	0.42	254.34	254.75	0
KERALA	0	33.34	0	0.56	1.38	0.22	51.31	51.91	0.6	86.82	87.42	0
PONDICHERRY	0	0	0.6	0	0.06	0	9.69	9.31	-0.38	10.34	9.96	0
TAMILNADU	65.29	22.85	1.7	48.25	45	4.91	182.06	178.64	-3.42	370.06	366.64	0
TELANGANA	106.89	45.78	0	0.75	7.95	5.26	95.9	92.89	-3.02	262.53	259.52	0
Region	339.13	181.84	2.83	85.97	79.81	26.39	490.58	485.11	-5.48	1,206.56	1,201.08	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	9,667	0	9,667	8,545	0	8,545	9,253	238	-15.21
KARNATAKA	10,128	0	10,128	7,674	0	7,674	10,621	273.93	-19.18
KERALA	4,390	0	4,390	3,248	0	3,248	3,549	86.12	1.29
PONDICHERRY	376	0	376	390	0	390	396	10.2	-0.24
TAMILNADU	16,170	0	16,170	13,933	0	13,933	15,836	404	-37.36
TELANGANA	8,900	0	8,900	10,415	0	10,415	11,089	282	-22.48
Region	49,631	0	49,631	44,205	0	44,205	50,744	1,294.25	-93.18

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	10,201	12:28	0	10,201	10,201	12:28	0	10,201	756.04	19:01	-829.35	08:57
KAR	13,441	10:00	0	13,441	13,441	10:00	0	13,441	764.45	01:03	-1,467.26	09:24
KER	4,433	18:30	0	4,433	4,433	18:30	0	4,433	343.04	05:01	-348.51	13:01
PONDY	429	15:00	0	429	429	15:00	0	429	95.86	16:00	-24.24	15:02
TN	17,154	19:00	0	17,154	17,154	19:00	0	17,154	1,188.41	09:57	-578.36	14:30
TG	14,021	07:28	0	14,021	14,021	07:28	0	14,021	953.62	17:30	-480.8	15:17
Region	55,097	09:24:34	0	55,097	55,097	09:24:34	0	55,097	1,988.52	11:30	-2,199.74	09:17

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	469	417	481	20:47	300	13:39	10.16	9.68	403
KRISHNAPATTANAM (3 * 800)	2,400	810	801	957	22:16	631	09:58	20.43	19.03	793
RAYALASEEMA TPP(1 * 600 + 5 * 210)	1,650	742	677	813	20:23	579	13:48	19.72	17.52	730
SEIL P2 UNIT-2(1 * 660)	660	626	626	633	18:27	522	13:20	15.74	14.96	623
VIJAYAWADA TPS(1 * 800 + 1 * 500 + 6 * 210)	2,560	1,288	1,222	1,400	12:34	1,117	09:38	33.73	30.43	1,268
OTHER THERMAL	0	0	0	0	00:00	0	-	-	-	-
Total THERMAL	8,310	3,935	3,743	-	-	-	-	99.78	91.62	3,817
HAMPI	36	0	0	19	00:00	0	-	0.47	0.47	20
LOWER SILERU(4 * 115)	460	13	13	146	02:16	13	02:16	3.52	3.51	146
SRISAILAM RBPH(7 * 110)	770	634	633	638	00:24	624	22:37	15.26	15.22	634
UPPER SILERU(4 * 60)	240	0	0	159	18:19	3	12:47	0.97	0.97	40
OTHER HYDEL	431	207	348	348	00:00	0	-	4.45	4.43	185
Total HYDEL	1,937	854	994	-	-	-	-	24.67	24.6	1,025
GAUTAMI CCPP(1 * 174 + 2 * 145)	464	0	0	0	00:00	0	02:16	0	0	0
GMR (BARG)(1 * 237)	237	0	0	0	00:00	0	02:16	0	0	0
JEGURUPADU (GAS)(1 * 49.9 + 1 * 75.5 + 2 * 45.8)	217	0	0	0	00:00	0	02:16	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	02:16	0	0	0
LANCO (GAS)(1 * 121 + 2 * 115)	351	0	0	0	00:00	0	02:16	0	0	0
RELIANCE ENERGY LTD. (GAS)(1 * 140 + 1 * 80)	220	0	0	0	00:00	0	02:16	0	0	0
SPECTRUM (GAS)(1 * 46.8 + 1 * 68.8 + 2 * 46.1)	208	0	0	0	00:00	0	02:16	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	02:16	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	433	1,004	1,702	02:06	363	18:54	17.28	17.28	720
SOLAR	3,356	0	0	1,311	13:23	1	04:04	7.08	7.08	295
OTHERS	619	92	98	148	02:16	83	02:16	3.44	3.44	143
Total AP	21,342	5,314	5,839	-	-	-	-	152.25	144.02	6,000

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	870	570	904	21:05	545	05:04	16.41	14.76	615
KAKATIYA ST1&ST2(1 * 500 + 1 * 600)	1,100	1,035	1,036	1,057	00:05	570	12:56	21.99	20.79	866
KOTHAGUDEM TPS(1 * 500 + 1 * 800 + 2 * 250)	1,800	1,334	1,005	1,489	01:04	982	10:43	28.97	26.95	1,123
RAMAGUNDAM-B(1 * 62.5)	63	0	0	0	00:00	0	02:16	0	0	0
SINGARENI TPS(2 * 600)	1,200	1,142	1,180	1,190	02:35	666	08:49	21.92	20.52	855
YADADRI(2 * 800)	1,600	1,430	902	1,455	23:17	865	05:14	25.62	23.88	995
Total THERMAL	6,843	5,811	4,693					114.91	106.9	4,454
NAGARJUNA SAGAR(1 * 110 + 7 * 100.8)	816	799	822	833	14:29	794	10:35	19.84	19.77	824
NAGARJUNA SAGAR (PUMP)(1 * 110 + 7 * 100.8)	816	0	0	0	00:00	0	-	0	0	0
SRISAILAM LBPH(6 * 150)	900	702	706	708	01:53	701	10:04	16.93	16.9	704
SRISAILAM LBPH(PUMP)(6 * 150)	900	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	957	371	375	380	00:00	0	02:16	9.16	9.11	380
Total HYDEL	2,673	1,872	1,903					45.93	45.78	1,908
WIND	128	0	0	31	00:00	0	-	0.75	0.75	31
SOLAR	3,818	0	0	1,253	13:11	0	04:52	7.95	7.95	331
OTHERS	252	0	0	219	00:00	0	-	5.26	5.26	219
Total TG	13,714	7,683	6,596					174.8	166.64	6,943

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	764	549	792	21:16	530	03:48	18.1	16.91	705
JINDAL(2 * 130 + 4 * 300)	1,460	0	0	180	19:15	0	-	24.19	22.35	4
JINDAL (EXCL. CAPTIVE CONSUMPTION)(2 * 130 + 4 * 300)	1,460	0	0	180	19:15	86	12:32	0.1	0.1	4
RAICHUR TPS(1 * 250 + 7 * 210)	1,720	888	745	1,051	10:56	719	04:46	23.91	21.36	890
UPCL(2 * 600)	1,200	1,116	1,009	1,139	06:20	958	06:58	26.61	25.07	1,045
YERAMARAS TPS(2 * 800)	1,600	551	431	603	00:19	7	09:33	13.18	11.9	496
Total THERMAL	7,680	3,319	2,734	-	-	-	-	81.9	75.34	2,213
NAGJHERI(1 * 135 + 5 * 150)	885	690	198	3,832	12:50	181	06:02	11.05	10.94	456
SHARAVATHI(10 * 103.5)	1,035	872	799	907	08:02	271	13:30	18.75	18.6	775
VARAHI UGPH(4 * 115)	460	327	214	398	03:20	31	10:55	4.66	4.57	190
OTHER HYDEL	2,137	1,296	1,017	1,296	04:52	288	04:52	21.17	21.17	882
Total HYDEL	4,517	3,185	2,228	-	-	-	-	55.63	55.28	2,303
OTHER GAS/NAPTHA/DIESEL	126	0	0	22	00:00	1	02:16	0.53	0.53	22
Total GAS/NAPTHA/DIESEL	126	0	0	-	-	-	-	0.53	0.53	22
WIND	5,440	594	1,337	1,452	01:13	392	10:45	19.13	19.13	797
SOLAR	6,571	0	0	2,836	12:50	0	04:52	18.34	18.34	764
OTHERS	1,832	90	81	1,288	18:36	56	05:14	12.56	12.56	1,288
Total KAR	26,166	7,188	6,380	-	-	-	-	188.09	181.18	7,387

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	496	641	643	01:05	54	11:28	10.15	10.12	422
LOWER PERIYAR (3 * 60)	180	164	92	166	18:56	44	03:13	2.45	2.44	102
SABARIGIRI(2 * 60 + 4 * 55)	340	220	228	230	13:33	216	10:35	5.44	5.43	226
OTHER HYDEL	834	627	665	665	03:00	307	02:16	15.35	15.35	640
Total HYDEL	2,134	1,507	1,626	-	-	-	-	33.39	33.34	1,390
BRAHMAPURAM DGPP (DIESEL)(3 * 21.32)	64	0	0	0	00:00	4	14:54	0	0	0
BSES (NAPTHA)(1 * 35.5 + 3 * 40.5)	157	0	0	0	00:00	0	02:16	-	-	-
KOZHIKODE DPP (DIESEL)(6 * 16)	96	0	0	0	00:00	0	02:16	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	10:40	0	0	0
OTHER GAS/NAPTHA/DIESEL	22	0	0	0	00:00	0	02:16	-	-	-
Total GAS/NAPTHA/DIESEL	709	0	0	-	-	-	-	0	0	0
WIND	70	0	0	23	00:00	0	-	0.56	0.56	23
SOLAR	1,988	0	0	58	00:00	0	-	1.38	1.38	58
OTHERS	20	0	0	9	00:00	0	-	0.22	0.22	9
Total KER	4,921	1,507	1,626	-	-	-	-	35.55	35.5	1,480

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	908	851	972	07:27	769	12:27	20.97	19.08	795
NCTPS STG3(Infirm - 800 MW)	0	0	0	0	00:00	0	-	0	0	0
NORTH CHENNAI TPS STG-II(2 * 600)	1,200	722	795	802	09:09	316	23:40	17.5	16.15	673
NORTH CHENNAI TPS(3 * 210)	630	239	250	271	14:57	205	12:10	6.89	5.95	248
OPG PGPL	414	0	0	121	00:00	0	-	3.28	2.91	121
SEPC(1 * 525)	525	472	271	507	08:04	246	12:07	9.64	9.08	378
ST - CMS(1 * 250)	250	247	169	251	15:00	166	11:47	5.04	4.63	193
TUTICORIN(5 * 210)	1,050	321	335	339	02:49	287	13:06	8.43	7.5	313
Total THERMAL	5,509	2,909	2,671					71.75	65.3	2,721
KADAMPARAI (4 * 100)	400	98	0	102	07:58	4	11:48	0.58	0.57	24
KADAMPARAI (PUMP)(4 * 100)	400	0	0	9	00:00	0	-	0.22	0.22	9
OTHER HYDEL	1,826	1,129	911	1,129	02:18	73	08:38	22.47	22.27	928
Total HYDEL	2,226	1,227	911					23.27	22.84	952
BASIN BRIDGE (NAPTHA)(4 * 30)	120	0	0	0	00:00	0	01:52	0	0	0
KOVIL KALAPPAL (GAS)(1 * 37.8 + 1 * 70)	108	0	0	0	00:00	0	00:02	0	0	0
KUTTALAM (GAS)(1 * 37 + 1 * 64)	101	0	0	0	00:00	0	18:44	0	0	0
MADURAI POWER CL (DIESEL)(1 * 106)	106	0	0	0	00:00	0	02:16	0	0	0
P P NALLUR (NAPTHA)(1 * 330.5)	331	0	0	0	00:00	0	02:16	0	0	0
SAMALPATTY (DIESEL)(7 * 15.1)	106	0	0	0	00:00	0	02:16	0	0	0
VALATTUR(STG1&STG2)(1 * 32 + 1 * 35 + 2 * 60)	187	33	38	71	11:44	29	18:49	1.83	1.7	71
OTHER GAS/NAPTHA/DIESEL	166	0	0	0	00:00	0	00:00	0	0	0
OTHER GAS/NAPTHA/DIESEL	196	0	0	0	00:00	0	-	0	0	0
Total GAS/NAPTHA/DIESEL	1,421	33	38					1.83	1.7	71
WIND	9,392	2,575	1,337	3,554	15:20	933	06:00	48.25	48.25	2,010
SOLAR	9,555	0	0	6,867	12:01	13	05:46	45	45	1,875
OTHERS	2,029	485	485	486	02:16	250	02:16	4.91	4.91	205
Total TN	30,132	7,229	5,442					195.01	188	7,834

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	1,471	805	1,541	22:35	527	00:04	22.46	20.78	866
NEYVELI TS I EXPN (2 * 210)	420	159	162	170	17:59	141	08:10	3.79	3.58	149
NEYVELI TS II(7 * 210)	1,470	432	359	526	23:59	344	12:42	11.92	8.89	370
NEYVELI TS II EXPN (2 * 250)	500	229	161	233	16:22	148	11:59	5.24	4.31	180
NNTPS(2 * 500)	1,000	457	466	476	17:45	273	11:37	10.6	8.93	372
NTPC-TELANGANA STPP(2*800)	1,600	1,400	1,095	1,400	20:00	0	-	28.21	26.28	1,095
RAMAGUNDAM(3 * 200 + 4 * 500)	2,600	1,912	1,131	1,971	19:10	1,031	13:17	35.87	33.2	1,383
SIMHADRI STAGE I(2 * 500)	1,000	843	718	940	00:29	492	10:25	17.97	16.66	694
SIMHADRI STAGE II(2 * 500)	1,000	875	827	950	19:17	16	11:50	18.48	17.18	716
TALCHER ST2(4 * 500)	2,000	1,414	1,414	1,414	02:16	1,414	02:16	30.46	28.73	1,197
Total THERMAL	13,990	9,192	7,138	-	-	-	-	185	168.54	7,022
KAIGA STG1(2 * 220)	440	194	190	199	09:33	186	05:15	5.28	4.77	199
KAIGA STG2(2 * 220)	440	430	426	437	09:49	418	09:54	11.43	10.5	438
KUDANKULAM(2 * 1000)	2,000	1,021	1,021	1,027	01:54	1,009	17:29	24.6	22.96	957
MAPS(2 * 220)	440	0	0	0	00:00	25	15:01	0	0	0
Total NUCLEAR	3,320	1,645	1,637	-	-	-	-	41.31	38.23	1,594
Total ISGS	17,310	10,837	8,775					226.31	206.77	8,616

JOINT VENTURE

Station/Constituents	Inst. Capacity	20:00	03:00	Day Peak		Min Generation (06:00-18:00)		Day Energy		AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	(MW)	Hrs	Gross Gen(MU)	Net Get(MU)	
NTPL(2 * 500)	1,000	891	595	959	21:30	491	10:56	16.23	15.29	637
VALLUR TPS(3 * 500)	1,500	1,330	919	1,396	00:37	750	08:01	25.99	24	1,000
Total THERMAL	2,500	2,221	1,514	-	-	-	-	42.22	39.29	1,637
Total JOINT_VENTURE	2,500	2,221	1,514					42.22	39.29	1,637

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	500	348	547	19:07	295	11:07	10.53	9.67	403
IL&FS(2 * 600)	1,200	561	541	565	06:25	300	12:10	12.7	11.83	493
JINDAL POWER LIMITED (SIMHAPURI UNIT)(4 * 150)	600	545	325	550	19:25	199	14:57	9.57	8.55	356
MEENAKSHI ENERGY LTD STAGE1(2 * 150)	300	0	0	0	00:00	55	12:36	0	0	0
MEENAKSHI ENERGY LTD STAGE2(2 * 350)	700	0	0	239	00:00	0	-	6.29	5.74	239
SEIL P1(2 * 660)	1,320	1,254	1,247	1,260	06:40	8	11:54	27.08	25.66	1,069
SEIL P2 UNIT-1(1 * 660)	660	613	619	629	00:11	310	13:13	14.27	13.5	563
Total THERMAL	5,980	3,473	3,080	-	-	-	-	80.44	74.95	3,123
LKPPL ST2(1 * 133 + 1 * 233)	366	334	180	337	23:56	177	00:26	5.54	5.38	224
LKPPL ST3(2 * 133 + 2 * 233)	732	0	0	0	00:00	0	-	0	0	0
Total GAS/NAPTHA/DIESEL	1,098	334	180	-	-	-	-	5.54	5.38	224
Total REGIONAL_IPP	7,078	3,807	3,260					85.98	80.33	3,347

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	3	34	58	05:51	0	21:07	0.4	0.4	17
GADAG_RSPPL_W	175	28	48	40	20:00	119	00:07	0.95	0.95	40
GADAG_VENA_W	133	5	89	34	20:00	0	-	0.81	0.81	34
GREEN INFRA(1 * 249.90)	250	23	17	103	15:05	1	00:00	0.59	0.59	25
HIRIYUR_OSTRO(1 *300.3)	300	0	0	82	00:00	0	12:28	1.96	1.96	82
HIRIYUR_ZREPL_W	66	18	22	57	20:00	0	-	1.37	1.37	57
JSW RENEW ENERGY TWO LTD	300	0	0	119	16:09	2	19:46	0.41	0.41	17
KARUR_JSWRENEW_W	162	36	50	60	20:00	0	-	1.43	1.43	60
KARUR_JSWRETWO_W	150	57	39	65	20:00	0	-	1.55	1.55	65
KOPPAL_AYANASIX_W	300	71	65	71	20:00	0	-	1.17	1.17	49
KOPPAL_KLEIO_W	101	0	0	24	00:00	0	-	0.58	0.58	24
KOPPAL_RENEWOJAS_W	319	0	61	130	01:47	12	17:54	1.34	1.34	56
KOPPAL_RENEWROSHNI_W	291	28	28	83	00:00	1	12:28	0.7	0.7	29
KURNOOL_AMGREEEN_W	304	0	0	94	00:00	0	02:16	2.25	2.25	94
MYTRA(1 * 250)	250	37	17	133	16:43	0	05:54	0.54	0.54	23
ORANGE(1 * 200)	200	34	19	66	15:08	0	02:06	0.55	0.55	23
PGLR_SAUPL_W	53	0	0	0	00:00	0	-	0	0	0
PGLR_SREPL(1 * 300)	300	30	63	205	16:14	22	21:00	2.18	2.18	91
TUTICORINJSWRENEWW(1 * 51.3)	540	48	37	48	20:00	0	-	0.7	0.7	29
VIVID SOLAIRE (BEETAM)(1 * 220)	220	49	43	105	17:03	2	09:38	0.89	0.89	37
Total RENEWABLE_WIND	4,469	467	632					20.37	20.37	852

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	194	16:02	1	03:00	0.97	0.97	81
ANP_ATHENA BIWADI(1 * 50)	50	0	0	49	15:30	0	18:20	0.18	0.18	15
ANP_ATHENA HISAR(1 * 50)	50	0	0	40	15:23	0	01:25	0.19	0.19	16
ANP_ATHENA KARNAL(1 * 50)	50	0	0	39	15:40	0	22:40	0.19	0.19	16
ANP_AYANA(1 * 250)	250	0	0	195	16:00	1	05:01	1.01	1.01	84
ANP_AZURE(1 * 50)	50	0	0	35	11:39	0	18:20	0.17	0.17	14
ANP_IGS1(1 * 50)	50	0	0	40	15:39	0	03:38	0.19	0.19	16
ANP_IGS2(1 * 50)	50	0	0	40	15:57	0	02:57	0.18	0.18	15
ANP_NTPC(5 * 50)	250	0	0	118	16:02	1	18:18	0.6	0.6	50
ANP_TATA(2 * 50)	100	0	0	85	15:23	0	18:20	0.33	0.33	28
SPRING ANG ITRA(1 * 250)	250	0	0	182	15:49	1	18:30	0.87	0.87	73
PAVAGADA										
PVG_ADYAH(6 * 50)	300	0	0	44	00:00	0	01:37	1.06	1.06	88
PVG_AMPLUS PAVAGADA(1 * 50)	50	0	0	39	11:39	1	02:18	0.17	0.17	14
PVG_AMPLUS TUMKUR(1 * 50)	50	0	0	81	12:32	1	02:18	0.24	0.24	20
PVG_AVAADA SOLAR(3 * 50)	150	0	0	103	11:30	1	02:18	0.48	0.48	40
PVG_AVAADA SOLARISE(3 * 50)	150	0	0	170	12:32	1	02:18	0.59	0.59	49
PVG_AZURE POWER EARTH (2 * 50)	100	0	0	58	11:40	1	02:18	0.28	0.28	23
PVG_FORTUM FIN SURYA(2 * 50)	100	0	0	65	12:22	1	02:18	0.23	0.23	19
PVG_IRCON_S	225	0	0	30	00:00	0	-	0.71	0.71	59
PVG_KREDL(1 * 50)	50	0	0	34	11:42	1	02:18	0.17	0.17	14
PVG_PARAMPUJYA(3 * 50)	150	0	0	154	12:32	1	02:18	0.5	0.5	42
PVG_RENEW TN2(1 * 50)	50	0	0	36	11:42	1	06:01	0.15	0.15	13
PVG_SBG ENERGY(4 * 50)	200	0	0	164	11:49	133	12:32	0.33	0.33	28
PVG_SPRING SOLAR INDIA(5 * 50)	250	0	0	140	11:31	1	02:18	0.78	0.78	65
PVG_TATA RENEWABLES(8 * 50)	400	0	0	256	12:35	1	02:18	1.16	1.16	97
PVG_YARROW(1 * 50)	50	0	0	39	12:14	1	02:18	0.17	0.17	14
OTHER										
GADAG_SERENTICA3_S	69	0	0	10	00:00	0	-	0.23	0.23	19
GADAG_VENA_S	31	0	0	5	00:00	0	-	0.11	0.11	9
GRT(1 * 150)	150	0	0	150	13:15	1	18:21	0.86	0.86	72
KOPPAL_KLEIO_S	105	0	0	11	00:00	0	-	0.26	0.26	22
KOPPAL_RENEWOJAS_S	81	0	0	10	00:00	0	02:16	0.23	0.23	19
KOPPAL_SRI1PL_S	188	0	0	17	00:00	0	-	0.41	0.41	34
KURNOOL_AMGREEN_S	599	0	0	57	00:00	0	-	1.37	1.37	114
NTPC ETTAYAPURAM SOLAR PLANT	230	0	233	249	12:47	1	18:21	1.73	1.73	144
RAMANGUNDAM (SOLAR)(1 * 100)	100	0	0	75	14:59	0	18:35	0.37	0.37	31
SIMHADRI (SOLAR)(1 * 25)	25	0	0	5	00:00	1	09:29	0.11	0.11	9
Total	5,253	0	233					17.58	17.58	1,466

Total ISGS IPP Thermal	22,470	14,886	11,732					307.66	282.78	
STATE THERMAL	28,342	15,974	13,841					368.34	339.16	
Total CPP Import										
Total ISGS & IPP Hydro										
HYDEL	13,487	8,645	7,662	-	-	-	-	183.34	181.84	
GAS/NAPTHA/DIESEL	6,826	367	218	-	-	-	-	8.46	8.21	
NUCLEAR	3,320	1,665	1,656	-	-	-	-	41.31	38.23	
WIND	23,583	4,069	4,310	-	-	-	-	106.34	106.34	
SOLAR	30,643	0	233	-	-	-	-	97.39	97.39	
OTHERS	4,752	667	664	-	-	-	-	26.39	26.39	

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	407	408	418	-	9.73	0	9.73
3	765KV-SRIKAKULAM-ANGUL	1,299	1,739	2,840	-	39.37	0	39.37
4	HVDC500KV-TALCHER-KOLAR_DC	989	1,480	1,483	-	28.87	0	28.87
	Sub-Total EAST REGION	2,695	3,627	4,741	0	77.97	0	77.97
	Import/Export between SOUTH REGION and WEST REGION							
1	220KV-AMBEWADI-PONDA	0	0	-	-	0	0	0
2	220KV-AMBEWADI-XELDEM	114	76	-	117	0	2.16	-2.16
3	220KV-CHIKKODI-MUDASANGI	0	0	0	-	-	-	-
4	220KV-CHIKKODI-TALANGADE	-	-	-	-	-	-	-
5	220KV-LOWER_SILERU-BARSUR	-	-	-	-	-	-	-
6	400KV-BHADRAVTAHI-RAMAGUNDAM	295	932	999	-	16.04	0	16.04
7	400KV-KUDGI_PG-KHOLAPUR_PG	937	878	-	1,225	0	19.65	-19.65
8	765KV-NIZAMABAD-WARDHA	195	904	2,450	-	25.76	0	25.76
9	765KV-RAICHUR_PG-SHOLAPUR	683	331	-	1,503	0	4.45	-4.45

10	765KV-WARANGAL(NEW)-WARORA	388	1,070	2,519	-	28.09	0	28.09
11	HVDC800KV-RAIGARH HVDC-PUGALUR HVDC	959	473	3,342	-	45.2	0	45.2
Sub-Total WEST REGION		3,571	4,664	9,310	2,845	115.09	26.26	88.83
TOTAL IR EXCHANGE		6,266	8,291	14,051	2,845	193.06	26.26	166.8

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	30.74	-3.69	0	0.38	0	0.14	6.48	49.239	42.759
SR-WR	31.58	13.45	1.21	29.17	0	32.41	133.27	88.831	-44.439
Total	62.32	9.76	1.21	29.55	0	32.55	139.75	138.07	-1.68

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	3.519	80.359	54.329	16.123

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

Maximum		Minimum		Average	Freq Variation	Standard	Freq. in 15 mnt blk	
Frequency	Time	Frequency	Time	Frequency	Index	Deviation	Max.	Min.
50.158	10:33:40	49.845	14:29:00	50.003	0.025	0.05	50.12	49.89

6.Voltage Profile: 400kV

	Maximum		Minimum		Voltage (in %)			
STATION	VOLTAGE	TIME	VOLTAGE	TIME	< 380	< 390	> 420	> 430
GHANAPUR - 400KV	423	23:51	404	06:57	0	0	19.861	0
GOOTY - 400KV	421	03:02	405	07:12	0	0	2.292	0
HIRIYUR - 400KV	430	03:02	407	09:17	0	0	36.458	.069
KAIGA - 400KV	421	03:04	395	09:23	0	0	2.639	0
KOLAR_AC - 400KV	427	03:03	397	09:23	0	0	21.111	0
KUDANKULAM - 400KV	416	03:02	399	11:33	0	0	0	0
SHANKARAPALLY - 400KV	416	03:03	406	18:19	0	0	0	0
SOMANAHALLI - 400KV	422	03:02	396	09:18	0	0	10.833	0
SRIPERUMBADUR - 400KV	411	03:18	396	09:45	0	0	0	0
TRICHY - 400KV	416	18:01	397	09:41	0	0	0	0
TRIVANDRUM - 400KV	422	03:49	397	11:51	0	0	12.083	0
VIJAYAWADA - 400KV	414	12:53	393	12:34	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	222	07:05	0	0	4.444	0
GOOTY - 220KV	229	03:03	221	07:14	0	0	0	0
HIRIYUR - 220KV	229	03:02	215	09:23	0	0	0	0
KAIGA - 220KV	237	03:03	222	09:51	0	0	16.181	0
KOLAR_AC - 220KV	233	03:03	217	09:23	0	0	0	0
SOMANAHALLI - 220KV	228	03:01	211	09:21	0	0	0	0
SRIPERUMBADUR - 220KV	228	00:00	216	10:54	0	0	0	0
TRICHY - 220KV	233	00:00	221	10:54	0	0	0	0
TRIVANDRUM - 220KV	232	04:00	220	11:39	0	0	0	0
VIJAYAWADA - 220KV	230	01:34	226	09:18	0	0	0	0

6.2 Voltage Profile: 765kV

	Maximum		Minimum		Voltage (in %)			
STATION	VOLTAGE	TIME	VOLTAGE	TIME	< 720	< 750	> 780	> 800
KURNOOL - 765KV	787	01:52	758	07:04	0	0	21.94	0
NIZAMABAD - 765KV	802	00:40	769	06:49	0	0	93.82	2.29
RAICHUR_PG - 765KV	790	03:02	762	07:16	0	0	48.47	0
SRIKAKULAM - 765KV	797	01:59	767	07:23	0	0	82.36	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	1,475	0	1,290	9.26	7.24	93.52	90.51
IDUKKI	694.94	732.43	2,148	726.08	1,669	723.65	1,491	0	10.3	99.3	99.12
JALAPUT	818.39	838.4	534	837.65	506	837.24	485	0	0	25.63	17.97
N.SAGAR	155.45	179.9	1,398	179.65	982	179.53	976	31.93	19.67	330.37	197.61
SRISAILAM	243.84	270.7	1,392	269.08	958	269.38	990	33.11	32.33	565.75	323.68
SUPA	495	564	3,159	560.16	2,811	562.74	3,042	4.79	12.89	109.48	139.57
LINGANAMAKKI	522.73	554.5	4,557	554	4,417	554.16	4,467	14.18	18.82	290.57	186.44
KAKKI	908.3	981.45	916	976.14	718	969.8	545	0	5.36	51.23	56.98
TOTAL	-	-	15,608	-	13,536	-	13,286	93.27	111	1,565.85	1,168.29

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	-200.87	-6.3	513.88	0	210.54	0	0	0	0	0	0	0	0
KARNATAKA	-631.93	-95.49	24.58	0	-32.31	0	0	0	0	0	0	0	0
KERALA	-246	0	-9.9	0	289.09	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	0	0	13.54	0	0	0	0	0	0	0	0
TAMILNADU	2,172.62	0	-16.19	0	90.84	0	0	0	0	0	0	0	0
TELANGANA	-28.51	-0.4	458.75	0	430.98	0	0	0	0	0	0	0	0
TOTAL	1,065.31	-102.19	971.12	0	1,002.68	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	-205.53	-6.4	296.82	0	1,621.54	0	0	0	0	0	0	0	0
KARNATAKA	-774.03	-79.24	-7.32	0	211.52	0	19.35	0	241.82	0	116.08	0	48.36
KERALA	-96	1.48	1.23	0	587.03	0	0	0	0	0	0	0	0
PONDICHER ..	0	0.3	1.38	0	0	0	0	0	0	0	0	0	0
TAMILNADU	3,040.36	0	10.01	0	-7	0	0	0	0	0	0	0	0
TELANGANA	-113.8	-0.7	-974.9	0	-1,006.2	0	0	0	0	0	0	0	0
TOTAL	1,851	-84.56	-672.78	0	1,406.89	0	19.35	0	241.82	0	116.08	0	48.36

State	Day Energy (MU)						
	ISGS+GNA Schedule	T-GNA Bilateral	GDAM Schedule	DAM Schedule	HPDAM Schedule	RTM Schedule	Total (MU)
ANDHRA PRADESH	56.91	-4.18	0.37	12.43	0	12.93	78.46
KARNATAKA	80.69	-15.94	-2.07	8.04	0	2.44	73.16
KERALA	45.14	-2.95	0.27	0.65	0	8.2	51.31
PONDICHERRY	9.58	0.11	0.08	0.05	0	-0.13	9.69
TAMILNADU	143.84	43.84	1.42	3.48	0	-10.52	182.06
TELANGANA	75.24	-0.15	1.1	5.82	0	13.89	95.9
TOTAL	411.4	20.73	1.17	30.47	0	26.81	490.58

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	2,857.88	1,723.07	-120.35	-207	127.25	-9.62	0	0	0	0	724.62	285.52	0	0
KARNATAKA	5,021.98	2,149.51	-615.1	-774.03	-5.02	-104.83	0	-11.03	0	0	1970.78	-150.2	19.35	0
KERALA	2,492.6	1,576.56	-66.33	-246	33.08	0	0	0	0	0	346.95	-9.9	0	0
PONDICHERRY	453.66	359.61	14.03	0	48.36	0	0	0	0	0	27.4	0	0	0
TAMILNADU	6,681.28	4,802.78	4,507.5	0.97	195.68	0	0	0	0	0	759.55	-65	0	0
TELANGANA	4,135.27	2,463.66	114.2	-113.8	204.13	-1.2	0	0	0	0	2878.93	-2174.9	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	2,197.16	67.38	80.61	0	0	0
KARNATAKA	145.1	0	0	0	0	0	0	0	577.67	-51.61	241.82	0	48.36	0
KERALA	0	0	0	0	0	0	0	0	946.6	0	0	0	0	0
PONDICHER ..	0	0	0	0	0	0	0	0	48.36	-73	0	0	0	0
TAMILNADU	0	0	0	0	0	0	0	0	640.49	-2,318.9	0	0	0	0
TELANGANA	0	0	0	0	0	0	0	0	2,897.5	-1,406.3	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 18:55 Hrs, Yelahanka Bus-2 and Bus-2 connected elements i.e, 400/220kV Yelhanka ICT-2, 400kV Tumkur-Yelhanka-2, 400kV Yelahanka-Devanahalli and Yelhanka Bus Reactor2 tripped due to Bus bar Protection Operation - Suspected Isolator Flashover in 400kV Yelahanka-Nelamangala Line. No load loss reported.

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-ALAMATHY-NCTPS_STAGE_II-1 & 400KV-NCTPS_STAGE_II-SUNGAVARACHATRAM-2 lines shutdown availed for providing of loop jumper between 400KV Manali-Sungavarchatram I feeder at loc 50.

13. Weather Condition:

Andhra Pradesh : Rains reported in Vishakapatnam,Srikakulam,Vizianagaram,Anakapalli,East&west Godavari districts.
Tamilnadu: Moderate rains reported in Madurai,Thanjavur,Ariyalur,Cudalore,Vellore,Kanchipuram areas.
Telengana:Rains reported in Siddipet,Jangon,Medak,Jangon,Rangareddy,Vikarabad,Hyderbad,Warangal,Khamam districts.
Kerala:Light rains reported in South part of the state;
Karnataka:Kalaburgi,Raichur area rains reported.

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	1	0	0	0	0	0	0	0	0	0	0
KARNATAKA	0	1	0	0	0	0	0	0	0	0	0	0
KERALA	0	0	0	0	0	0	0	0	0	0	0	0
TAMILNADU	0	3	0	0	0	0	0	0	0	0	0	0
PONDICHERRY	0	0	0	0	0	0	0	0	0	0	0	0
TELANGANA	0	0	0	0	0	0	0	0	0	0	0	0

REMARKS:

Shift In Charge