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

Power Supply Position in Southern Region For 28-Sep-2025

Date of Reporting:29-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 #
43,246	0	43,246	49.92	36,745	0	36,745	50.05	992.77	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	93.8	23.03	0	49.94	12.06	2.69	28.38	26.7	-1.68	209.89	208.21	0
KARNATAKA	49.21	39.4	0	55.72	24.56	12.11	11.63	7.83	-3.8	192.63	188.83	0
KERALA	0	30.07	0	0.76	1.17	0.3	43.8	43.08	-0.72	76.09	75.37	0
PONDICHERRY	0	0	0.55	0	0.07	0	9.07	9.01	-0.06	9.69	9.63	0
TAMILNADU	69.56	23.66	3.32	93.58	45.6	4.78	100.7	99.91	-0.79	341.2	340.41	0
TELANGANA	75.92	36.9	0	1.38	8.17	4.71	42.97	43.24	0.27	170.05	170.32	0
Region	288.49	153.06	3.87	201.38	91.63	24.59	236.55	229.77	-6.78	999.55	992.77	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	9,060	0	9,060	7,840	0	7,840	8,661	203	5.21
KARNATAKA	8,163	0	8,163	6,159	0	6,159	7,897	200	-11.17
KERALA	3,828	0	3,828	2,834	0	2,834	2,991	78.82	-3.45
PONDICHERRY	410	0	410	384	0	384	387	9.5	0.13
TAMILNADU	14,741	0	14,741	13,529	0	13,529	14,408	336	4.41
TELANGANA	7,044	0	7,044	5,999	0	5,999	7,249	172	-1.68
Region	43,246	0	43,246	36,745	0	36,745	41,593	999.32	-6.55

2(C)State's Demand Met in MWs (maximum demand met and Maximum requirement of the day details)

State	Maximum Demand, corresponding shortage and requirement details for the day				Maximum requirement, corresponding shortage and demand details for the day				ACE			
	Maximum Demand Met of the day	Time	Shortage(-) /Surplus(+) during at maximum demand	Requirement at the max demand met of the day	Demand Met at maximum requiremnet	Time	Shortage(-) /Surplus(+) during at maximum Requirement	Maximum Requirement of the day	Maximum ACE(MW)	Time	Minimum ACE(MW)	Time
AP	9,513	12:32	0	9,513	9,513	12:32	0	9,513	1,473.84	18:21	-691.82	12:07
KAR	9,636	10:00	-	9,636	9,636	10:00	-	9,636	1,099.86	13:23	-826.22	15:31
KER	3,872	19:00	0	3,872	3,872	19:00	0	3,872	395.72	05:01	-390.66	14:46
PONDY	449	23:30	0	449	449	23:30	0	449	49.46	08:47	-37.06	06:49
TN	15,286	22:30	0	15,286	15,286	22:30	0	15,286	1,054.07	09:59	-917.67	11:27
TG	8,577	10:02	0	8,577	8,577	10:02	0	8,577	515.8	16:59	-613.84	08:47
Region	44,706	09:07:30	0	44,706	44,706	09:07:30	0	44,706	2,239.18	08:30	-7,424.08	15:01

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	417	302	491	07:15	295	15:00	8.43	7.59	316
KRISHNAPATTANAM (3 * 800)	2,400	1,301	1,203	1,375	21:14	1,155	06:46	31.85	29.68	1,237
RAYALASEEMA TPP(1 * 600 + 5 * 210)	1,650	766	808	954	21:20	755	16:01	20.94	18.86	786
SEIL P2 UNIT-2(1 * 660)	660	628	624	633	04:56	338	08:45	13.04	12.31	513
VIJAYAWADA TPS(1 * 800 + 1 * 500 + 6 * 210)	2,560	1,121	1,018	1,184	17:07	902	07:44	28.56	25.37	1,057
OTHER THERMAL	0	0	0	0	00:00	0	-	-	-	-
Total THERMAL	8,310	4,233	3,955	-	-	-	-	102.82	93.81	3,909
HAMPI	36	0	0	20	00:00	0	-	0.49	0.49	20
LOWER SILERU(4 * 115)	460	13	13	116	03:45	13	06:46	2.81	2.79	116
SRISAILAM RBPH(7 * 110)	770	604	613	618	08:31	594	13:51	14.68	14.64	610
UPPER SILERU(4 * 60)	240	113	0	167	16:39	1	12:15	1.25	1.25	52
OTHER HYDEL	431	457	154	457	00:00	0	-	3.87	3.86	161
Total HYDEL	1,937	1,187	780	-	-	-	-	23.1	23.03	959
GAUTAMI CCPP(1 * 174 + 2 * 145)	464	0	0	0	00:00	0	06:46	0	0	0
GMR (BARG)(1 * 237)	237	0	0	0	00:00	0	06:46	0	0	0
JEGURUPADU (GAS)(1 * 49.9 + 1 * 75.5 + 2 * 45.8)	217	0	0	0	00:00	0	06:46	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	06:46	0	0	0
LANCO (GAS)(1 * 121 + 2 * 115)	351	0	0	0	00:00	0	06:46	0	0	0
RELIANCE ENERGY LTD. (GAS)(1 * 140 + 1 * 80)	220	0	0	0	00:00	0	06:46	0	0	0
SPECTRUM (GAS)(1 * 46.8 + 1 * 68.8 + 2 * 46.1)	208	0	0	0	00:00	0	06:46	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	06:46	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	1,781	2,349	2,629	18:19	1,579	16:21	49.94	49.94	2,081
SOLAR	3,356	0	0	1,914	10:40	0	06:02	12.06	12.06	503
OTHERS	619	97	104	112	03:45	91	06:46	2.69	2.69	112
Total AP	21,342	7,298	7,188	-	-	-	-	190.61	181.53	7,564

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	167	162	234	18:20	150	14:04	4.4	3.98	166
KAKATIYA ST1&ST2(1 * 500 + 1 * 600)	1,100	737	599	756	20:15	571	13:56	15.49	14.45	602
KOTHAGUDEM TPS(1 * 500 + 1 * 800 + 2 * 250)	1,800	1,129	849	1,259	18:40	811	13:30	23.21	21.82	909
RAMAGUNDAM-B(1 * 62.5)	63	0	0	0	00:00	0	12:49	0	0	0
SINGARENI TPS(2 * 600)	1,200	1,058	897	1,100	01:13	660	09:21	19.42	18.03	751
YADADRI(2 * 800)	1,600	871	815	959	23:58	681	10:17	19.62	17.65	735
Total THERMAL	6,843	3,962	3,322					82.14	75.93	3,163
NAGARJUNA SAGAR(1 * 110 + 7 * 100.8)	816	810	812	819	00:02	800	10:12	19.71	19.64	818
NAGARJUNA SAGAR (PUMP)(1 * 110 + 7 * 100.8)	816	0	0	0	00:00	0	-	0	0	0
SRISAILAM LBPH(6 * 150)	900	676	685	688	08:05	669	14:04	16.26	16.23	676
SRISAILAM LBPH(PUMP)(6 * 150)	900	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	957	41	40	43	00:00	0	06:46	1.03	1.02	43
Total HYDEL	2,673	1,527	1,537					37	36.89	1,537
WIND	128	0	0	57	00:00	0	-	1.38	1.38	58
SOLAR	3,818	0	0	1,168	13:25	0	06:00	8.17	8.17	340
OTHERS	252	0	0	196	00:00	0	-	4.71	4.71	196
Total TG	13,714	5,489	4,859					133.4	127.08	5,294

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	594	549	823	19:37	501	14:17	14.22	13.13	547
JINDAL(2 * 130 + 4 * 300)	1,460	0	0	255	14:18	0	-	16.97	15.59	44
JINDAL (EXCL. CAPTIVE CONSUMPTION)(2 * 130 + 4 * 300)	1,460	72	0	255	14:18	0	06:22	1.06	1.06	44
RAICHUR TPS(1 * 250 + 7 * 210)	1,720	572	709	745	04:41	553	16:06	17.46	15.62	651
UPCL(2 * 600)	1,200	0	0	0	00:00	0	09:35	0	0	0
YERAMARAS TPS(2 * 800)	1,600	840	817	861	18:40	793	10:31	21.25	19.4	808
Total THERMAL	7,680	2,078	2,075	-	-	-	-	53.99	49.21	1,444
NAGJHERI(1 * 135 + 5 * 150)	885	558	197	678	20:29	0	11:14	6.11	6.02	251
SHARAVATHI(10 * 103.5)	1,035	864	634	910	16:10	218	13:02	14.74	14.64	610
VARAHI UGPH(4 * 115)	460	167	52	467	15:46	45	08:53	3.66	3.6	150
OTHER HYDEL	2,137	1,236	855	1,236	00:10	574	06:46	15.14	15.14	631
Total HYDEL	4,517	2,825	1,738	-	-	-	-	39.65	39.4	1,642
OTHER GAS/NAPTHA/DIESEL	126	0	0	0	00:00	1	06:46	0	0	0
Total GAS/NAPTHA/DIESEL	126	0	0	-	-	-	-	0	0	0
WIND	5,440	1,841	2,296	2,921	15:15	2,211	17:58	55.72	55.72	2,322
SOLAR	6,571	0	0	3,260	13:20	3	06:05	24.56	24.56	1,023
OTHERS	1,832	149	79	1,528	22:41	60	11:36	12.11	12.11	1,528
Total KAR	26,166	6,893	6,188	-	-	-	-	186.03	181	7,959

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	633	417	643	00:46	26	13:25	7.41	7.38	308
LOWER PERIYAR (3 * 60)	180	157	162	168	23:15	90	16:50	3.37	3.36	140
SABARIGIRI(2 * 60 + 4 * 55)	340	228	225	229	16:41	69	10:08	4.37	4.36	182
OTHER HYDEL	834	578	511	624	04:14	320	06:56	14.98	14.98	624
Total HYDEL	2,134	1,596	1,315	-	-	-	-	30.13	30.08	1,254
BRAHMAPURAM DGPP (DIESEL)(3 * 21.32)	64	0	0	0	00:00	3	13:08	0	0	0
BSES (NAPTHA)(1 * 35.5 + 3 * 40.5)	157	0	0	0	00:00	0	06:46	-	-	-
KOZHIKODE DPP (DIESEL)(6 * 16)	96	0	0	0	00:00	0	06:46	0	0	0
MPS STEEL CASTINGS(1 * 10)	10	0	0	0	00:00	0	-	-	-	-
RGCCPP KAYAMKULAM (KSEB) - NTPC(1 * 126.38 + 2 * 116.6)	360	0	0	0	00:00	1	07:15	0	0	0
OTHER GAS/NAPTHA/DIESEL	22	0	0	0	00:00	0	06:46	-	-	-
Total GAS/NAPTHA/DIESEL	709	0	0	-	-	-	-	0	0	0
WIND	70	0	0	32	00:00	0	-	0.76	0.76	32
SOLAR	1,988	0	0	49	00:00	0	-	1.17	1.17	49
OTHERS	20	0	0	12	00:00	0	-	0.3	0.3	13
Total KER	4,921	1,596	1,315	-	-	-	-	32.36	32.31	1,348

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	1,048	836	1,082	20:52	809	13:29	21.61	19.72	822
NCTPS STG3(Infirm - 800 MW)	0	0	0	0	00:00	0	-	0	0	0
NORTH CHENNAI TPS STG-II(2 * 600)	1,200	735	700	759	19:08	573	15:21	17.6	16.22	676
NORTH CHENNAI TPS(3 * 210)	630	359	402	416	23:04	336	16:02	10.2	8.96	373
OPG PGPL	414	0	0	197	00:00	0	-	5.23	4.74	198
SEPC(1 * 525)	525	505	251	510	22:20	244	10:01	8.91	8.39	350
ST - CMS(1 * 250)	250	248	167	253	23:43	164	09:07	4.82	4.43	185
TUTICORIN(5 * 210)	1,050	318	327	329	01:12	285	15:54	7.96	7.1	296
Total THERMAL	5,509	3,213	2,683					76.33	69.56	2,900
KADAMPARAI (4 * 100)	400	98	0	102	11:36	3	06:03	1.15	1.14	48
KADAMPARAI (PUMP)(4 * 100)	400	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	1,826	978	764	978	05:16	39	06:48	22.71	22.52	938
Total HYDEL	2,226	1,076	764					23.86	23.66	986
BASIN BRIDGE (NAPTHA)(4 * 30)	120	0	0	0	00:00	0	06:23	0	0	0
KOVIL KALAPPAL (GAS)(1 * 37.8 + 1 * 70)	108	0	0	0	00:00	0	07:03	0	0	0
KUTTALAM (GAS)(1 * 37 + 1 * 64)	101	78	64	79	20:41	61	09:20	1.65	1.53	64
MADURAI POWER CL (DIESEL)(1 * 106)	106	0	0	0	00:00	0	06:46	0	0	0
P P NALLUR (NAPTHA)(1 * 330.5)	331	0	0	0	00:00	0	06:46	0	0	0
SAMALPATTY (DIESEL)(7 * 15.1)	106	0	0	0	00:00	0	06:46	0	0	0
VALATTUR(STG1&STG2)(1 * 32 + 1 * 35 + 2 * 60)	187	36	38	74	12:40	35	17:56	1.92	1.79	75
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	114	102					3.57	3.32	139
WIND	9,392	3,543	3,625	5,231	15:18	2,738	07:12	93.58	93.58	3,899
SOLAR	9,555	0	0	6,128	10:02	7	06:02	45.6	45.6	1,900
OTHERS	2,029	508	508	508	00:34	388	06:23	4.78	4.78	199
Total TN	30,132	8,454	7,682					247.72	240.5	10,023

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	1,405	1,355	2,155	18:42	1,310	14:24	32.78	30.46	1,269
NEYVELI TS I EXPN (2 * 210)	420	0	144	161	10:14	3	13:15	1.89	1.79	75
NEYVELI TS II(7 * 210)	1,470	697	724	777	01:14	604	09:24	19.84	16.05	669
NEYVELI TS II EXPN (2 * 250)	500	335	254	336	19:27	0	13:41	7.37	6.04	252
NNTPS(2 * 500)	1,000	876	596	946	22:35	523	10:47	17.52	15.4	642
NTPC-TELANGANA STPP(2*800)	1,600	1,483	852	1,483	20:00	0	-	25.15	23.21	967
RAMAGUNDAM(3 * 200 + 4 * 500)	2,600	1,592	1,311	2,033	18:58	1,255	15:31	37.5	34.26	1,428
SIMHADRI STAGE I(2 * 500)	1,000	692	493	915	19:27	491	13:47	14.48	13.37	557
SIMHADRI STAGE II(2 * 500)	1,000	879	534	908	20:30	503	08:57	15.11	13.88	578
TALCHER ST2(4 * 500)	2,000	1,231	1,266	1,322	04:17	770	10:32	28.67	26.59	1,108
Total THERMAL	13,990	9,190	7,529	-	-	-	-	200.31	181.05	7,545
KAIGA STG1(2 * 220)	440	190	196	199	18:37	187	15:26	5.3	4.79	200
KAIGA STG2(2 * 220)	440	425	426	437	23:19	421	06:42	11.42	10.49	437
KUDANKULAM(2 * 1000)	2,000	1,015	1,012	1,042	15:49	1,006	15:25	24.51	23.07	961
MAPS(2 * 220)	440	0	0	0	00:00	21	06:31	0	0	0
Total NUCLEAR	3,320	1,630	1,634	-	-	-	-	41.23	38.35	1,598
Total ISGS	17,310	10,820	9,163					241.54	219.4	9,143

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	539	524	767	18:39	494	10:34	14.21	13.39	558
VALLUR TPS(3 * 500)	1,500	876	962	1,106	19:01	819	13:32	21.13	19.32	805
Total THERMAL	2,500	1,415	1,486	-	-	-	-	35.34	32.71	1,363
Total JOINT_VENTURE	2,500	1,415	1,486					35.34	32.71	1,363

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	705	683	880	18:09	544	10:50	16.61	15.3	638
IL&FS(2 * 600)	1,200	542	541	548	04:53	298	11:30	11.85	11	458
JINDAL POWER LIMITED (SIMHAPURI UNIT)(4 * 150)	600	304	299	448	23:36	181	11:37	7.56	6.72	280
MEENAKSHI ENERGY LTD STAGE1(2 * 150)	300	0	0	0	00:00	70	06:45	0	0	0
MEENAKSHI ENERGY LTD STAGE2(2 * 350)	700	0	0	246	00:00	0	-	6.36	5.91	246
SEIL P1(2 * 660)	1,320	1,247	755	1,267	22:06	490	10:33	19.74	18.43	768
SEIL P2 UNIT-1(1 * 660)	660	627	558	629	22:23	305	15:15	12.72	11.98	499
Total THERMAL	5,980	3,425	2,836	-	-	-	-	74.84	69.34	2,889
LKPPL ST2(1 * 133 + 1 * 233)	366	0	0	0	00:00	3	09:47	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	3,425	2,836					74.84	69.34	2,889

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	66	74	84	03:33	47	17:47	1.67	1.67	70
GADAG_RSPPL_W	175	202	202	192	20:00	210	17:21	4.61	4.61	192
GADAG_VENA_W	133	92	125	113	20:00	0	-	2.71	2.71	113
GREEN INFRA(1 * 249.90)	250	190	238	248	00:13	59	08:57	4.54	4.54	189
HIRIYUR_OSTRO(1 *300.3)	300	0	0	224	00:00	0	12:30	5.38	5.38	224
HIRIYUR_ZREPL_W	66	52	56	52	20:00	0	-	0.78	0.78	33
JSW RENEW ENERGY TWO LTD	300	277	251	280	23:44	215	13:46	6.11	6.11	255
KARUR_JSWRENEW_W	162	144	151	144	20:00	0	-	1.95	1.95	81
KARUR_JSWRETWO_W	150	56	84	139	20:00	0	-	3.33	3.33	139
KOPPAL_AYANASIX_W	300	104	250	199	20:00	0	-	4.77	4.77	199
KOPPAL_KLEIO_W	101	0	0	33	00:00	0	-	0.8	0.8	33
KOPPAL_RENEWOJAS_W	319	0	239	321	13:30	150	16:54	5.57	5.57	232
KOPPAL_RENEWROSHNI_W	291	174	209	238	12:02	128	08:39	4.07	4.07	170
KURNOOL_AMGREEEN_W	304	0	0	208	00:00	0	06:46	5	5	208
MYTRA(1 * 250)	250	192	196	221	14:56	157	08:43	4.48	4.48	187
ORANGE(1 * 200)	200	133	166	188	17:31	50	08:56	3.26	3.26	136
PGLR_SAUPL_W	53	0	38	38	03:00	0	-	0.8	0.8	33
PGLR_SREPL(1 * 300)	300	247	244	257	16:50	114	07:30	5.35	5.35	223
TUTICORINJSWRENEWW(1 * 51.3)	540	291	291	291	20:00	0	-	6.87	6.87	286
VIVID SOLAIRE (BEETAM)(1 * 220)	220	186	205	219	17:33	103	08:56	4.26	4.26	178
Total RENEWABLE_WIND	4,469	2,406	3,019					76.31	76.31	3,181

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	223	12:15	0	06:00	0.48	0.48	40
ANP_ATHENA BIWADI(1 * 50)	50	0	0	52	12:20	0	06:00	0.3	0.3	25
ANP_ATHENA HISAR(1 * 50)	50	0	0	53	12:20	0	06:07	0.31	0.31	26
ANP_ATHENA KARNAL(1 * 50)	50	0	0	52	12:27	0	06:00	0.3	0.3	25
ANP_AYANA(1 * 250)	250	0	0	219	12:02	0	06:00	0.46	0.46	38
ANP_AZURE(1 * 50)	50	0	0	48	13:25	0	06:04	0.27	0.27	23
ANP_IGS1(1 * 50)	50	0	0	52	12:07	0	06:00	0.3	0.3	25
ANP_IGS2(1 * 50)	50	0	0	52	11:16	0	06:00	0.3	0.3	25
ANP_NTPC(5 * 50)	250	0	0	116	08:42	1	17:57	0.26	0.26	22
ANP_TATA(2 * 50)	100	0	0	94	11:39	0	06:04	0.53	0.53	44
SPRING ANG ITRA(1 * 250)	250	0	0	30	12:00	0	06:19	0.73	0.73	61
PAVAGADA										
PVG_ADYAH(6 * 50)	300	0	0	71	00:00	0	06:25	1.7	1.7	142
PVG_AMPLUS PAVAGADA(1 * 50)	50	0	0	52	10:36	2	06:27	0.32	0.32	27
PVG_AMPLUS TUMKUR(1 * 50)	50	0	0	52	11:00	3	06:27	0.32	0.32	27
PVG_AVAADA SOLAR(3 * 50)	150	0	0	152	14:01	2	06:27	0.85	0.85	71
PVG_AVAADA SOLARISE(3 * 50)	150	0	0	150	10:34	3	06:00	0.91	0.91	76
PVG_AZURE POWER EARTH (2 * 50)	100	0	0	76	13:52	2	06:27	0.47	0.47	39
PVG_FORTUM FIN SURYA(2 * 50)	100	0	0	97	11:49	1	06:27	0.58	0.58	48
PVG_IRCON_S	225	0	0	78	00:00	0	-	1.86	1.86	155
PVG_KREDL(1 * 50)	50	0	0	49	13:49	3	06:01	0.3	0.3	25
PVG_PARAMPUJYA(3 * 50)	150	0	0	127	11:03	3	06:27	0.78	0.78	65
PVG_RENEW TN2(1 * 50)	50	0	0	52	10:31	2	06:27	0.34	0.34	28
PVG_SBG ENERGY(4 * 50)	200	0	0	197	13:45	1	06:18	1.23	1.23	103
PVG_SPRING SOLAR INDIA(5 * 50)	250	0	0	176	08:49	4	06:01	0.61	0.61	51
PVG_TATA RENEWABLES(8 * 50)	400	0	0	233	08:35	6	06:02	0.65	0.65	54
PVG_YARROW(1 * 50)	50	0	0	49	14:20	4	06:27	0.33	0.33	28
OTHER										
GADAG_SERENTICA3_S	69	0	0	14	00:00	0	-	0.33	0.33	28
GADAG_VENA_S	31	0	0	8	00:00	0	-	0.18	0.18	15
GRT(1 * 150)	150	0	0	156	11:25	0	06:00	1.03	1.03	86
KOPPAL_KLEIO_S	105	0	0	16	00:00	0	-	0.38	0.38	32
KOPPAL_RENEWOJAS_S	81	0	0	13	00:00	0	06:46	0.31	0.31	26
KOPPAL_SRI1PL_S	188	2	0	36	20:00	0	-	0.86	0.86	72
KURNOOL_AMGREEN_S	599	0	0	33	00:00	0	-	0.78	0.78	65
NTPC ETTAYAPURAM SOLAR PLANT	230	0	0	251	12:12	1	06:00	1.79	1.79	149
RAMANGUNDAM (SOLAR)(1 * 100)	100	0	0	81	09:10	0	17:59	0.28	0.28	23
SIMHADRI (SOLAR)(1 * 25)	25	0	0	1	00:00	0	06:27	0.03	0.03	3
Total	5,253	2	0					21.46	21.46	1,792

Total ISGS IPP Thermal	22,470	14,030	11,851					310.49	283.1	
STATE THERMAL	28,342	13,486	12,035					315.28	288.51	
Total CPP Import										
Total ISGS & IPP Hydro										
HYDEL	13,487	8,211	6,134	-	-	-	-	153.84	153.06	
GAS/NAPTHA/DIESEL	6,826	114	102	-	-	-	-	4.16	3.87	
NUCLEAR	3,320	1,648	1,653	-	-	-	-	41.22	38.35	
WIND	23,583	9,571	11,290	-	-	-	-	277.69	277.69	
SOLAR	30,643	2	0	-	-	-	-	113.09	113.09	
OTHERS	4,752	754	691	-	-	-	-	24.59	24.59	

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	802	599	-	598	0	17.14	-17.14
3	765KV-SRIKAKULAM-ANGUL	1,324	1,157	2,026	-	24.55	0	24.55
4	HVDC500KV-TALCHER-KOLAR_DC	1,186	694	1,188	-	16.05	0	16.05
	Sub-Total EAST REGION	3,312	2,450	3,214	598	40.6	17.14	23.46
	Import/Export between SOUTH REGION and WEST REGION							
1	220KV-AMBEWADI-PONDA	0	0	-	-	0	0	0
2	220KV-AMBEWADI-XELDEM	99	80	-	100	0	1.95	-1.95
3	220KV-CHIKKODI-MUDASANGI	0	0	0	-	-	-	-
4	220KV-CHIKKODI-TALANGADE	-	-	-	-	-	-	-
5	220KV-LOWER_SILERU-BARSUR	-	-	-	-	-	-	-
6	400KV-BHADRAVTAHI-RAMAGUNDAM	716	923	-	925	0	19.76	-19.76
7	400KV-KUDGI_PG-KHOLAPUR_PG	1,834	1,808	-	2,380	0	46.55	-46.55
8	765KV-NIZAMABAD-WARDHA	269	361	-	1,097	0	7.04	-7.04
9	765KV-RAICHUR_PG-SHOLAPUR	1,480	1,507	-	2,446	0	36.85	-36.85

10	765KV-WARANGAL(NEW)-WARORA	94	176	-	728	0	3.56	-3.56
11	HVDC800KV-RAIGARH HVDC-PUGALUR HVDC	1,002	1,157	-	3,069	0	58.81	-58.81
Sub-Total WEST REGION		5,494	6,012	0	10,745	0	174.52	-174.52
TOTAL IR EXCHANGE		8,806	8,462	3,214	11,343	40.6	191.66	-151.06

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	4.03	-6.23	0	0	0	-10.24	-56.04	-3.123	52.917
SR-WR	-15.11	-30.48	1.06	-35.63	0	-13.16	-128.32	-174.513	-46.193
Total	-11.08	-36.71	1.06	-35.63	0	-23.4	-184.36	-177.636	6.724

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	6.863	76.204	45.683	16.933

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

Maximum		Minimum		Average	Freq Variation	Standard	Freq. in 15 mnt blk	
Frequency	Time	Frequency	Time	Frequency	Index	Deviation	Max.	Min.
50.246	10:08:00	49.814	15:45:10	49.997	0.045	0.067	50.21	49.86

6.Voltage Profile: 400kV

	Maximum		Minimum		Voltage (in %)			
STATION	VOLTAGE	TIME	VOLTAGE	TIME	< 380	< 390	> 420	> 430
GHANAPUR - 400KV	423	01:59	411	10:48	0	0	30.139	0
GOOTY - 400KV	420	23:59	399	10:54	0	0	0	0
HIRIYUR - 400KV	427	23:31	399	09:30	0	0	43.889	0
KAIGA - 400KV	416	16:36	394	09:33	0	0	0	0
KOLAR_AC - 400KV	422	23:58	397	09:18	0	0	1.181	0
KUDANKULAM - 400KV	412	20:20	394	09:58	0	0	0	0
SHANKARAPALLY - 400KV	414	01:55	408	21:27	0	0	0	0
SOMANAHALLI - 400KV	417	23:59	392	09:19	0	0	0	0
SRIPERUMBADUR - 400KV	411	03:00	403	10:58	0	0	0	0
TRICHY - 400KV	416	19:09	392	09:59	0	0	0	0
TRIVANDRUM - 400KV	407	20:20	387	09:58	0	2.153	0	0
VIJAYAWADA - 400KV	405	03:58	397	12:11	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	227	10:49	0	0	18.333	0
GOOTY - 220KV	229	23:59	217	10:56	0	0	0	0
HIRIYUR - 220KV	229	23:28	210	09:20	0	.069	0	0
KAIGA - 220KV	236	16:38	223	10:56	0	0	4.583	0
KOLAR_AC - 220KV	231	23:59	217	09:19	0	0	0	0
SOMANAHALLI - 220KV	227	23:59	211	09:19	0	0	0	0
SRIPERUMBADUR - 220KV	232	20:23	221	09:58	0	0	0	0
TRICHY - 220KV	230	20:23	220	09:58	0	0	0	0
TRIVANDRUM - 220KV	228	20:23	218	09:58	0	0	0	0
VIJAYAWADA - 220KV	232	02:41	226	12:04	0	0	0	0

6.2 Voltage Profile: 765kV

	Maximum		Minimum		Voltage (in %)			
STATION	VOLTAGE	TIME	VOLTAGE	TIME	< 720	< 750	> 780	> 800
KURNOOL - 765KV	788	03:53	763	10:51	0	0	33.26	0
NIZAMABAD - 765KV	798	01:54	783	18:27	0	0	100	0
RAICHUR_PG - 765KV	791	02:13	765	09:43	0	0	58.96	0
SRIKAKULAM - 765KV	784	09:02	770	06:33	0	0	34.31	0

7.Major Reservoir Particulars

RESERVOIR	DESIGNED			PRESENT		LAST YEAR		LAST DAY		MONTH	
	MDDL (Mts)	FRL (Mts)	Energy (MU)	Level (Mts)	Energy (MU)	Level (Mts)	Energy (MU)	Inflow (Mus)	Usage (Mus)	"Prog. Inflow (Mus)"	"Prog. Usage (Mus)"
NILAGIRIS	0	0	1,504	0	1,434	0	1,282	10	5.59	194.52	213.77
IDUKKI	694.94	732.43	2,148	725.84	1,649	723.2	1,460	21.14	7.73	234.38	251.32
JALAPUT	818.39	838.4	534	837.59	503	837.58	502	0.84	2.45	66.93	56.85
N.SAGAR	155.45	179.9	1,398	178.86	950	179.47	972	209.43	19.57	1,815.97	531.08
SRISAILAM	243.84	270.7	1,392	269.08	958	267.89	844	290.24	31.71	2,163.01	868.28
SUPA	495	564	3,159	559.59	2,761	562.77	3,045	3.49	5.75	166.09	368.14
LINGANAMAKKI	522.73	554.5	4,557	553.49	4,247	553.96	4,402	15.52	14.33	403.8	474.04
KAKKI	908.3	981.45	916	975.52	701	969.75	542	8.27	5.34	116.66	138.13
TOTAL	-	-	15,608	-	13,203	-	13,049	558.93	98.71	5,161.36	3,034.93

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	-213.32	-12.71	44.52	0	115.68	0	0	0	0	0	0	0	0
KARNATAKA	-629.77	-152.2	0.83	0	-49	0	0	0	0	0	0	0	0
KERALA	-245.6	0	-10.9	0	-1	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	0	0	0	0	0	0	0	0	0	0	0
TAMILNADU	-25	69.99	174.18	0	-165.54	0	0	0	0	0	0	0	0
TELANGANA	-29.03	4.74	-297.81	0	-803.2	0	0	0	0	0	0	0	0
TOTAL	-1,142.72	-90.18	-89.18	0	-903.06	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	-211.15	-11.18	143.71	0	248.63	0	0	0	0	0	0	0	0
KARNATAKA	-629.77	-98.53	-44.39	0	-47.2	0	0	0	0	0	0	0	0
KERALA	-95.6	26.97	50.23	0	27.79	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	0	0	0	0	0	0	0	0	0	0	0
TAMILNADU	-62	114.57	362.4	0	-238.9	0	0	0	0	0	0	0	0
TELANGANA	-113.85	137.08	-2,498.55	0	772.48	0	0	0	0	0	0	0	0
TOTAL	-1,112.37	168.91	-1,986.6	0	762.8	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	28.4	-4.47	1.3	3.73	0	-0.58	28.38
KARNATAKA	37.8	-13.76	-5.15	-0.87	0	-6.39	11.63
KERALA	42.72	-2.94	0.49	0.68	0	2.85	43.8
PONDICHERRY	8.63	0.13	0	-0.08	0	0.39	9.07
TAMILNADU	129.65	-0.58	2.32	-16.77	0	-13.92	100.7
TELANGANA	59.8	0.02	2.37	-16.41	0	-2.81	42.97
TOTAL	307	-21.6	1.33	-29.72	0	-20.46	236.55

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	1,935.47	492.35	-129.14	-214.39	134.9	-13.11	0	0	0	0	280.61	-220.34	0	0
KARNATAKA	2,689.9	690.81	-428.96	-638.06	-7.29	-760.56	0	-3.5	0	0	6.64	-137.45	0	0
KERALA	2,379.27	1,204.6	-65.93	-245.6	42.44	0	0	0	0	0	60.64	-10.9	0	0
PONDICHERRY	450.95	267.1	14.02	0	0	0	0	0	0	0	0	-87	0	0
TAMILNADU	6,661.61	3,902.25	0	-62	157.09	33.27	0	0	0	0	420.62	-2310.71	0	0
TELANGANA	3,670.81	783.87	131.91	-114.65	230.73	4.04	0	0	0	0	7.78	-2615.55	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	248.63	-1,445.98	0	0	0	0
KARNATAKA	0	0	0	0	0	0	0	0	-29.2	-1,287.6	0	0	0	0
KERALA	0	0	0	0	0	0	0	0	404.85	-1.1	0	0	0	0
PONDICHER ..	0	0	0	0	0	0	0	0	86.04	-11	0	0	0	0
TAMILNADU	0	0	0	0	0	0	0	0	437.58	-2,655.87	0	0	0	0
TELANGANA	0	0	0	0	0	0	0	0	1,349.08	-952.9	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):

1. 220KV-KUDGI_NTPC-NANDHIHAL-5 tripped at 10:23 Hrs - due to Maloperation.The tripping incident resulted in overloading of the 220 kV RTPSLingsugur-1, 220 kV LingsugurMalat, and 220 kV LingsugurShahpur lines. These lines subsequently tripped due to overloading, forcing the generation in the pocket to be evacuated through BBWadi. Due to arcing, the operator at BBWadi manually tripped all lines, leading to a complete outage of BBWadi and the radially connected generating stations Atria and Fortune.Approximately 300 MW Generation loss and 38 MW Load loss observed.All lines were restored.

12.Constraints and instances of congestion in the transmission system

) 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 28, 2025.
3) 400KV-NCTPS_STAGE_II-SUNGAVARACHATRAM-1 availed S/D on 14.09.2025/10:25 hrs for Relocation of Sungavarchatram 1 & 2 feeders with tower erection of AP9 (TNRDC works).
4) 400KV-NCTPS_STAGE_II-SUNGAVARACHATRAM-2 availed S/D on 07.09.2025/10:27 hrs for providing of loop jumper between 400KV Manali- sungavarchatram I feeder at loc 50 (TNRDC works).
5) 765KV-WARANGAL(NEW)-WARORA-1 tripped on B-N fault at 16:11Hrs on 16.09.2025

13. Weather Condition:

Andhra Pradesh: Scattered Rains reported in CPDCL and EPDCL.Karnataka:Rain reported in entire state.
Telangana:Light to moderate rains reported all over the state.
Kerala:Isolated rains reported in the state.

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	
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	0	0	0	0	0	0	0	0
KARNATAKA	1	3	0	0	0	0	0	0	2	0	0	0
KERALA	0	0	1	0	0	0	0	0	0	0	0	0
TAMILNADU	1	3	1	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