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

Power Supply Position in Southern Region For 03-Oct-2025

Date of Reporting:04-Oct-2025

1. Regional Availability/Demand:

Evening Peak (19:00) 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 #
47,889	0	47,889	50.08	37,807	0	37,807	50.03	1,134.28	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	94.58	26.5	0	19.65	15.34	3.3	58.43	59.26	0.83	217.81	218.63	0
KARNATAKA	51.31	45.13	0	26.55	32.47	13.31	58.96	57.49	-1.48	227.73	226.25	0
KERALA	0	30.44	0	0.35	1.5	0.29	54.4	54.56	0.16	86.99	87.15	0
PONDICHERRY	0	0	0.6	0	0.05	0	9.44	9.33	-0.11	10.09	9.97	0
TAMILNADU	66.52	26.11	3.16	24.3	46.2	3.93	204.13	205.17	1.04	374.35	375.4	0
TELANGANA	67.93	44.88	0	1.02	17.31	3.59	81.8	82.16	0.36	216.53	216.88	0
Region	280.34	173.06	3.76	71.87	112.87	24.42	467.16	467.97	0.8	1,133.5	1,134.28	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 (19:00) 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	9,584	0	9,584	7,612	0	7,612	9,116	208	10.63
KARNATAKA	9,064	0	9,064	6,349	0	6,349	9,344	224	2.25
KERALA	4,453	0	4,453	3,026	0	3,026	3,549	86.2	0.95
PONDICHERRY	442	0	442	334	0	334	395	9.35	0.62
TAMILNADU	16,627	0	16,627	12,960	0	12,960	15,887	374	1.4
TELANGANA	7,719	0	7,719	7,526	0	7,526	9,380	220	-3.12
Region	47,889	0	47,889	37,807	0	37,807	47,671	1,121.55	12.73

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	10,533	12:19	0	10,533	10,533	12:19	0	10,533	505.53	17:01	-560.57	19:50
KAR	12,194	10:00	0	12,194	12,194	10:00	0	12,194	699.34	08:46	-591.54	09:36
KER	4,504	19:00	0	4,504	4,504	19:00	0	4,504	252.07	23:32	-246.46	17:04
PONDY	456	22:30	0	456	456	22:30	0	456	41.51	16:03	-56.84	11:03
TN	17,887	16:30	0	17,887	17,887	16:30	0	17,887	772.21	04:41	-1,260.66	04:46
TG	11,797	12:35	0	11,797	11,797	12:35	0	11,797	521.31	18:30	-592.33	17:01
Region	54,801	11:58:30	0	54,801	54,801	11:58:30	0	54,801	1,977.11	14:32	-1,845.82	22:47

3(A) State Entities Generation:

ANDHRA PRADESH

Station/Constituents	Inst. Capacity	19:00	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	467	295	478	19:08	290	12:35	8.65	8.01	334
KRISHNAPATTANAM (3 * 800)	2,400	1,465	1,202	1,489	20:23	1,135	08:49	32.94	30.76	1,282
RAYALASEEMA TPP(1 * 600 + 5 * 210)	1,650	484	520	581	08:14	342	15:31	13.14	11.58	483
SEIL P2 UNIT-2(1 * 660)	660	624	379	632	23:06	619	06:43	15.4	14.6	608
VIJAYAWADA TPS(1 * 800 + 1 * 500 + 6 * 210)	2,560	1,271	1,255	1,354	06:39	1,033	16:01	33.1	29.64	1,235
OTHER THERMAL	0	0	0	0	00:00	0	-	-	-	-
Total THERMAL	8,310	4,311	3,651	-	-	-	-	103.23	94.59	3,942
HAMPI	36	0	0	24	00:00	0	-	0.57	0.57	24
LOWER SILERU(4 * 115)	460	13	13	183	00:54	13	13:56	4.41	4.4	183
SRISAILAM RBPH(7 * 110)	770	634	636	642	15:08	623	17:40	15.34	15.3	638
UPPER SILERU(4 * 60)	240	156	0	162	18:57	1	06:14	1.52	1.52	63
OTHER HYDEL	431	457	517	517	00:00	0	-	4.73	4.72	197
Total HYDEL	1,937	1,260	1,166	-	-	-	-	26.57	26.51	1,105
GAUTAMI CCPP(1 * 174 + 2 * 145)	464	0	0	0	00:00	0	13:56	0	0	0
GMR (BARG)(1 * 237)	237	0	0	0	00:00	0	13:56	0	0	0
JEGURUPADU (GAS)(1 * 49.9 + 1 * 75.5 + 2 * 45.8)	217	0	0	0	00:00	0	13:56	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	13:56	0	0	0
LANCO (GAS)(1 * 121 + 2 * 115)	351	0	0	0	00:00	0	13:56	0	0	0
RELIANCE ENERGY LTD. (GAS)(1 * 140 + 1 * 80)	220	0	0	0	00:00	0	13:56	0	0	0
SPECTRUM (GAS)(1 * 46.8 + 1 * 68.8 + 2 * 46.1)	208	0	0	0	00:00	0	13:56	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	13:56	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	286	1,267	1,599	02:05	498	13:52	19.65	19.65	819
SOLAR	3,356	0	0	2,281	12:13	1	06:00	15.34	15.34	639
OTHERS	619	113	112	138	00:54	101	06:00	3.3	3.3	138
Total AP	21,342	5,970	6,196	-	-	-	-	168.09	159.39	6,643

TELANGANA

Station/Constituents	Inst. Capacity	19:00	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	177	154	214	19:03	142	11:09	4.37	3.93	164
KAKATIYA ST1&ST2(1 * 500 + 1 * 600)	1,100	967	609	1,008	22:21	577	11:21	18.91	17.81	742
KOTHAGUDEM TPS(1 * 500 + 1 * 800 + 2 * 250)	1,800	357	256	387	19:47	241	10:57	7.2	6.79	283
RAMAGUNDAM-B(1 * 62.5)	63	0	0	0	00:00	0	13:55	0	0	0
SINGARENI TPS(2 * 600)	1,200	1,073	675	1,107	18:53	666	06:31	18.76	17.49	729
YADADRI(2 * 800)	1,600	1,333	883	1,455	20:53	817	15:09	23.34	21.91	913
Total THERMAL	6,843	3,907	2,577					72.58	67.93	2,831
NAGARJUNA SAGAR(1 * 110 + 7 * 100.8)	816	799	810	833	14:24	796	15:20	19.79	19.73	822
NAGARJUNA SAGAR (PUMP)(1 * 110 + 7 * 100.8)	816	0	0	0	00:00	0	-	0	0	0
SRISAILAM LBPH(6 * 150)	900	708	807	814	01:12	704	06:54	17.75	17.72	738
SRISAILAM LBPH(PUMP)(6 * 150)	900	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	957	313	309	313	00:00	0	06:00	7.48	7.43	310
Total HYDEL	2,673	1,820	1,926					45.02	44.88	1,870
WIND	128	0	0	43	00:00	0	-	1.02	1.02	43
SOLAR	3,818	0	0	2,384	11:56	17	06:11	17.31	17.31	721
OTHERS	252	0	0	149	00:00	0	-	3.59	3.59	150
Total TG	13,714	5,727	4,503					139.52	134.73	5,615

KARNATAKA

Station/Constituents	Inst. Capacity	19:00	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	820	551	896	07:04	520	10:34	16.63	15.49	645
JINDAL(2 * 130 + 4 * 300)	1,460	0	0	277	19:18	0	-	19.75	18.16	41
JINDAL (EXCL. CAPTIVE CONSUMPTION)(2 * 130 + 4 * 300)	1,460	78	26	277	19:18	0	06:02	0.99	0.99	41
RAICHUR TPS(1 * 250 + 7 * 210)	1,720	699	575	725	18:37	550	07:16	16.57	14.74	614
UPCL(2 * 600)	1,200	0	0	0	00:00	0	07:24	0	0	0
YERAMARAS TPS(2 * 800)	1,600	1,019	827	1,073	20:29	7	12:29	21.89	20.1	838
Total THERMAL	7,680	2,616	1,979	-	-	-	-	56.08	51.32	1,422
NAGJHERI(1 * 135 + 5 * 150)	885	679	284	697	04:26	0	08:39	8.76	8.65	360
SHARAVATHI(10 * 103.5)	1,035	450	853	875	06:34	231	08:10	15.41	15.27	636
VARAHI UGPH(4 * 115)	460	49	156	456	04:09	47	11:31	3.53	3.48	145
OTHER HYDEL	2,137	1,255	777	1,255	00:08	347	06:09	17.73	17.73	739
Total HYDEL	4,517	2,433	2,070	-	-	-	-	45.43	45.13	1,880
OTHER GAS/NAPTHA/DIESEL	126	0	0	0	00:00	1	13:56	0	0	0
Total GAS/NAPTHA/DIESEL	126	0	0	-	-	-	-	0	0	0
WIND	5,440	1,292	1,127	1,692	23:42	662	07:49	26.55	26.55	1,106
SOLAR	6,571	0	0	4,372	11:03	0	06:00	32.47	32.47	1,353
OTHERS	1,832	90	88	1,907	15:11	67	12:47	13.31	13.31	1,908
Total KAR	26,166	6,431	5,264	-	-	-	-	173.84	168.78	7,669

KERALA

Station/Constituents	Inst. Capacity	19:00	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	409	236	642	23:13	61	11:31	8.28	8.25	344
LOWER PERIYAR (3 * 60)	180	136	137	166	17:32	0	08:15	2.25	2.24	93
SABARIGIRI(2 * 60 + 4 * 55)	340	240	243	246	11:19	235	11:05	5.85	5.83	243
OTHER HYDEL	834	596	545	596	00:54	266	06:16	14.12	14.12	588
Total HYDEL	2,134	1,381	1,161	-	-	-	-	30.5	30.44	1,268
BRAHMAPURAM DGPP (DIESEL)(3 * 21.32)	64	0	0	0	00:00	4	13:37	0	0	0
BSES (NAPTHA)(1 * 35.5 + 3 * 40.5)	157	0	0	0	00:00	0	13:56	-	-	-
KOZHIKODE DPP (DIESEL)(6 * 16)	96	0	0	0	00:00	0	13:56	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	08:03	0	0	0
OTHER GAS/NAPTHA/DIESEL	22	0	0	0	00:00	0	13:56	-	-	-
Total GAS/NAPTHA/DIESEL	709	0	0	-	-	-	-	0	0	0
WIND	70	0	0	15	00:00	0	-	0.35	0.35	15
SOLAR	1,988	0	0	63	00:00	0	-	1.5	1.5	63
OTHERS	20	0	0	12	00:00	0	-	0.29	0.29	12
Total KER	4,921	1,381	1,161	-	-	-	-	32.64	32.58	1,358

TAMIL NADU

Station/Constituents	Inst. Capacity	19:00	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	749	526	833	21:37	625	09:25	15.52	14.19	591
NCTPS STG3(Infirm - 800 MW)	0	0	0	0	00:00	0	-	0	0	0
NORTH CHENNAI TPS STG-II(2 * 600)	1,200	765	748	819	14:45	735	15:54	19.83	18.46	769
NORTH CHENNAI TPS(3 * 210)	630	258	400	424	08:08	253	12:59	9.06	7.89	329
OPG PGPL	414	0	0	91	00:00	0	-	2.49	2.18	91
SEPC(1 * 525)	525	482	489	512	18:11	471	13:32	12.39	11.78	491
ST - CMS(1 * 250)	250	248	249	251	19:58	245	14:02	5.98	5.51	230
TUTICORIN(5 * 210)	1,050	276	136	290	09:04	0	07:00	6.48	6.52	272
Total THERMAL	5,509	2,778	2,548					71.75	66.53	2,773
KADAMPARAI (4 * 100)	400	98	0	100	16:16	3	06:00	1.3	1.29	54
KADAMPARAI (PUMP)(4 * 100)	400	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	1,826	1,022	699	1,034	12:10	44	06:23	25.04	24.82	1,034
Total HYDEL	2,226	1,120	699					26.34	26.11	1,088
BASIN BRIDGE (NAPTHA)(4 * 30)	120	0	0	0	00:00	0	07:30	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	66	61	78	18:05	61	06:01	1.63	1.51	63
MADURAI POWER CL (DIESEL)(1 * 106)	106	0	0	0	00:00	0	13:56	0	0	0
P P NALLUR (NAPTHA)(1 * 330.5)	331	0	0	0	00:00	0	13:56	0	0	0
SAMALPATTY (DIESEL)(7 * 15.1)	106	0	0	0	00:00	0	13:56	0	0	0
VALATTUR(STG1&STG2)(1 * 32 + 1 * 35 + 2 * 60)	187	30	53	69	09:48	29	17:42	1.77	1.65	69
OTHER GAS/NAPTHA/DIESEL	166	0	0	0	00:00	0	06:00	0	0	0
OTHER GAS/NAPTHA/DIESEL	196	0	0	0	00:00	0	-	0	0	0
Total GAS/NAPTHA/DIESEL	1,421	96	114					3.4	3.16	132
WIND	9,392	1,208	1,384	2,462	00:00	227	12:00	24.3	24.3	1,013
SOLAR	9,555	0	0	6,620	11:15	13	06:01	46.2	46.2	1,925
OTHERS	2,029	363	263	438	00:18	250	06:00	3.93	3.93	164
Total TN	30,132	5,565	5,008					175.92	170.23	7,095

3(B) Regional Entities Generation

ISGS

Station/Constituents	Inst. Capacity	19:00	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	813	471	840	18:02	436	11:42	13.53	12.52	522
NEYVELI TS I EXPN (2 * 210)	420	155	139	162	12:20	137	06:04	3.6	3.38	141
NEYVELI TS II(7 * 210)	1,470	740	758	815	14:31	695	13:21	21.24	17.55	731
NEYVELI TS II EXPN (2 * 250)	500	344	246	348	18:01	0	09:43	8.52	7.2	300
NNTPS(2 * 500)	1,000	928	567	945	20:06	533	12:07	18.61	16.53	689
NTPC-TELANGANA STPP(2*800)	1,600	1,458	819	1,458	19:00	0	-	26.56	24.6	1,025
RAMAGUNDAM(3 * 200 + 4 * 500)	2,600	1,847	1,055	1,945	18:38	1,062	06:01	34.28	31.66	1,319
SIMHADRI STAGE I(2 * 500)	1,000	837	488	887	22:36	486	06:00	16.19	14.88	620
SIMHADRI STAGE II(2 * 500)	1,000	902	528	971	17:31	16	09:57	16.87	15.58	649
TALCHER ST2(4 * 500)	2,000	883	929	933	03:59	521	09:54	20.92	19.23	801
Total THERMAL	13,990	8,907	6,000	-	-	-	-	180.32	163.13	6,797
KAIGA STG1(2 * 220)	440	194	191	200	14:05	185	14:07	5.3	4.79	200
KAIGA STG2(2 * 220)	440	426	422	435	10:23	419	12:53	11.38	10.44	435
KUDANKULAM(2 * 1000)	2,000	1,021	1,015	1,033	11:10	1,009	16:58	24.63	22.96	957
MAPS(2 * 220)	440	0	0	0	00:00	25	14:28	0	0	0
Total NUCLEAR	3,320	1,641	1,628	-	-	-	-	41.31	38.19	1,592
Total ISGS	17,310	10,548	7,628					221.63	201.32	8,389

JOINT VENTURE

Station/Constituents	Inst. Capacity	19:00	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	916	515	974	18:27	366	10:28	15.61	14.66	611
VALLUR TPS(3 * 500)	1,500	1,301	800	1,367	17:39	779	12:02	27.24	25.19	1,050
Total THERMAL	2,500	2,217	1,315	-	-	-	-	42.85	39.85	1,661
Total JOINT_VENTURE	2,500	2,217	1,315					42.85	39.85	1,661

IPP UNDER OPEN ACCESS

Station/Constituents	Inst. Capacity	19:00	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	846	678	854	19:12	517	12:51	17.26	15.94	664
IL&FS(2 * 600)	1,200	558	541	563	18:48	299	11:11	12.46	11.59	483
JINDAL POWER LIMITED (SIMHAPURI UNIT)(4 * 150)	600	406	252	409	20:13	138	12:00	6.78	6.11	255
MEENAKSHI ENERGY LTD STAGE1(2 * 150)	300	0	0	0	00:00	52	11:03	0	0	0
MEENAKSHI ENERGY LTD STAGE2(2 * 350)	700	0	0	219	00:00	0	-	5.61	5.26	219
SEIL P1(2 * 660)	1,320	1,223	630	1,249	17:10	503	10:28	21.75	20.4	850
SEIL P2 UNIT-1(1 * 660)	660	628	422	634	17:46	248	15:03	11.02	10.4	433
Total THERMAL	5,980	3,661	2,523	-	-	-	-	74.88	69.7	2,904
LKPPL ST2(1 * 133 + 1 * 233)	366	0	0	0	00:00	3	06:09	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	3,661	2,523					74.88	69.7	2,904

RENEWABLE WIND

Station/Constituents	Inst. Capacity	19:00	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	53	77	23:41	45	12:02	1.07	1.07	45
GADAG_RSPPL_W	175	159	48	85	19:00	137	16:33	2.05	2.05	85
GADAG_SERENTICA3_W	52	0	0	10	00:00	0	-	0.24	0.24	10
GADAG_VENA_W	133	66	70	66	19:00	0	-	0.57	0.57	24
GREEN INFRA(1 * 249.90)	250	0	23	111	14:45	1	06:00	0.89	0.89	37
HIRIYUR_OSTRO(1 *300.3)	300	0	0	150	00:00	0	07:35	3.6	3.6	150
HIRIYUR_ZREPL_W	66	36	33	36	19:00	0	-	0.78	0.78	33
JSW RENEW ENERGY TWO LTD	300	0	19	170	18:37	2	09:09	0.78	0.78	33
KARUR_JSWRENEW_W	162	61	85	61	19:00	0	-	0.77	0.77	32
KARUR_JSWRETWO_W	150	81	43	81	19:00	0	-	0.87	0.87	36
KOPPAL_AYANASIX_W	300	137	34	137	19:00	0	-	1.68	1.68	70
KOPPAL_KLEIO_W	101	0	0	13	00:00	0	-	0.3	0.3	13
KOPPAL_RENEWOJAS_W	319	0	62	201	13:28	43	07:33	2.61	2.61	109
KOPPAL_RENEWROSHNI_W	291	115	23	141	15:51	15	07:34	1.71	1.71	71
KURNOOL_AMGREEEN_W	304	0	0	96	00:00	0	13:56	2.3	2.3	96
MYTRA(1 * 250)	250	0	26	146	14:56	0	13:33	0.47	0.47	20
ORANGE(1 * 200)	200	3	24	73	16:42	1	08:44	0.46	0.46	19
PGLR_SAUPL_W	53	0	0	0	00:00	0	-	0	0	0
PGLR_SREPL(1 * 300)	300	105	142	176	01:45	0	09:40	1.34	1.34	56
TUTICORINJSWRENEWW(1 * 51.3)	540	0	67	67	03:00	0	-	0.65	0.65	27
VIVID SOLAIRE (BEETAM)(1 * 220)	220	6	35	121	16:48	2	09:43	0.6	0.6	25
Total RENEWABLE_WIND	4,521	826	787					23.74	23.74	991

RENEWABLE SOLAR										
Station/Constituents	Inst. Capacity	19:00	03:00	Day Peak		Min Generation (06:00-18:00)		Day Energy		AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	(MW)	Hrs	Gross Gen(MU)	Net Get(MU)	
NP_KUNTA										
ANP_ADANIAPSEVEN(5 * 50)	250	0	0	250	12:55	1	06:00	1.92	1.92	160
ANP_ATHENA BIWADI(1 * 50)	50	0	0	52	12:03	0	06:00	0.32	0.32	27
ANP_ATHENA HISAR(1 * 50)	50	0	0	53	12:04	0	06:00	0.34	0.34	28
ANP_ATHENA KARNAL(1 * 50)	50	0	0	51	11:40	0	06:00	0.34	0.34	28
ANP_AYANA(1 * 250)	250	0	0	266	12:01	0	06:00	1.74	1.74	145
ANP_AZURE(1 * 50)	50	0	0	47	12:46	0	06:00	0.28	0.28	23
ANP_IGS1(1 * 50)	50	0	0	51	12:13	0	06:00	0.34	0.34	28
ANP_IGS2(1 * 50)	50	0	0	53	12:51	0	06:00	0.32	0.32	27
ANP_NTPC(5 * 50)	250	0	0	186	12:26	1	17:56	1.08	1.08	90
ANP_TATA(2 * 50)	100	0	0	93	13:16	0	06:00	0.59	0.59	49
SPRING ANG ITRA(1 * 250)	250	0	0	228	12:18	0	06:00	1.63	1.63	136
PAVAGADA										
PVG_ADYAH(6 * 50)	300	0	0	82	00:00	0	07:35	1.96	1.96	163
PVG_AMPLUS PAVAGADA(1 * 50)	50	0	0	52	14:11	1	06:00	0.37	0.37	31
PVG_AMPLUS TUMKUR(1 * 50)	50	0	0	81	12:29	1	06:00	0.36	0.36	30
PVG_AVAADA SOLAR(3 * 50)	150	0	0	152	12:39	1	06:00	1.06	1.06	88
PVG_AVAADA SOLARISE(3 * 50)	150	0	0	158	14:08	1	06:00	1.01	1.01	84
PVG_AZURE POWER EARTH (2 * 50)	100	0	0	76	14:02	1	06:00	0.55	0.55	46
PVG_FORTUM FIN SURYA(2 * 50)	100	0	0	97	14:20	1	06:00	0.63	0.63	53
PVG_IRCON_S	225	0	0	99	00:00	0	-	2.38	2.38	198
PVG_KREDL(1 * 50)	50	0	0	49	11:35	1	06:00	0.35	0.35	29
PVG_PARAMPUJYA(3 * 50)	150	0	0	180	12:29	1	06:00	0.85	0.85	71
PVG_RENEW TN2(1 * 50)	50	0	0	50	09:31	1	06:00	0.36	0.36	30
PVG_SBG ENERGY(4 * 50)	200	0	0	198	11:00	94	12:29	1.23	1.23	103
PVG_SPRING SOLAR INDIA(5 * 50)	250	0	0	253	11:37	1	06:00	1.71	1.71	143
PVG_TATA RENEWABLES(8 * 50)	400	0	0	360	11:55	1	06:00	2.38	2.38	198
PVG_YARROW(1 * 50)	50	0	0	49	12:17	1	06:00	0.35	0.35	29
OTHER										
GADAG_SERENTICA3_S	69	0	0	0	00:00	0	-	0	0	0
GADAG_VENA_S	31	0	0	68	00:00	0	-	1.63	1.63	136
GRT(1 * 150)	150	0	0	0	00:00	0	06:00	0	0	0
KOPPAL_KLEIO_S	105	0	0	25	00:00	0	-	0.6	0.6	50
KOPPAL_RENEWOJAS_S	81	0	0	21	00:00	0	13:56	0.51	0.51	43
KOPPAL_SRI1PL_S	188	48	2	75	19:00	0	-	1.81	1.81	151
KURNOOL_AMGREEN_S	599	0	0	0	00:00	0	-	0	0	0
NTPC ETTAYAPURAM SOLAR PLANT	230	0	0	249	12:06	1	06:00	1.43	1.43	119
RAMANGUNDAM (SOLAR)(1 * 100)	100	0	0	99	12:22	0	06:07	0.49	0.49	41
SIMHADRI (SOLAR)(1 * 25)	25	0	0	0	00:00	0	07:35	0	0	0
Total	5,253	48	2					30.92	30.92	2,577

Total ISGS IPP Thermal	22,470	14,785	9,838					298.05	272.68	
STATE THERMAL	28,342	13,612	10,755					303.64	280.37	
Total CPP Import										
Total ISGS & IPP Hydro										
HYDEL	13,487	8,014	7,022	-	-	-	-	174.16	173.07	
GAS/NAPTHA/DIESEL	6,826	96	114	-	-	-	-	3.96	3.76	
NUCLEAR	3,320	1,660	1,646	-	-	-	-	41.31	38.19	
WIND	23,635	3,609	4,565	-	-	-	-	95.61	95.61	
SOLAR	30,643	48	2	-	-	-	-	143.79	143.79	
OTHERS	4,752	566	463	-	-	-	-	24.42	24.42	

4(A) INTER-REGIONAL EXCHANGES (Import=(+ve) /Export =(-ve))

SL.No.	Element	19:00	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	108	608	112	-	0	5.25	-5.25
3	765KV-SRIKAKULAM-ANGUL	2,471	2,135	2,850	-	50.19	0	50.19
4	HVDC500KV-TALCHER-KOLAR_DC	1,480	1,334	1,971	-	33.25	0	33.25
	Sub-Total EAST REGION	4,059	4,077	4,933	0	83.44	5.25	78.19
	Import/Export between SOUTH REGION and WEST REGION							
1	220KV-AMBEWADI-PONDA	0	0	-	-	0	0	0
2	220KV-AMBEWADI-XELDEM	95	80	-	105	0	1.97	-1.97
3	220KV-CHIKKODI-MUDASANGI	0	0	3	-	-	-	-
4	220KV-CHIKKODI-TALANGADE	-	-	-	-	-	-	-
5	220KV-LOWER_SILERU-BARSUR	-	-	-	-	-	-	-
6	400KV-BHADRAVTAHI-RAMAGUNDAM	308	309	315	-	0	7.39	-7.39
7	400KV-KUDGI_PG-KHOLAPUR_PG	1,202	809	-	1,651	0	27.09	-27.09
8	765KV-NIZAMABAD-WARDHA	1,247	1,195	2,085	-	30.6	0	30.6
9	765KV-RAICHUR_PG-SHOLAPUR	330	131	808	-	4.78	0	4.78

10	765KV-WARANGAL(NEW)-WARORA	1,078	885	1,470	0	22.86	0	22.86
11	HVDC800KV-RAIGARH HVDC-PUGALUR HVDC	278	277	897	-	32.25	0	32.25
Sub-Total WEST REGION		4,538	3,686	5,578	1,756	90.49	36.45	54.04
TOTAL IR EXCHANGE		8,597	7,763	10,511	1,756	173.93	41.7	132.23

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	24.7	3.3	0	0	0	0	8.28	58.955	50.675
SR-WR	55.84	-3.09	1.5	-1.77	0	53.36	100.58	54.037	-46.543
Total	80.54	0.21	1.5	-1.77	0	53.36	108.86	112.992	4.132

5.Frequency Profile

RANGE(Hz)	< 48.8	< 49	< 49.2	< 49.5	< 49.7	< 49.9	>= 49.9 - <= 50.05	> 50	> 50.05
%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Maximum		Minimum		Average	Freq Variation	Standard	Freq. in 15 mnt blk	
Frequency	Time	Frequency	Time	Frequency	Index	Deviation	Max.	Min.
50.13	11:04:40	49.654	16:50:20	49.98	0.045	0.064	50.07	49.73

6.Voltage Profile: 400kV

	Maximum		Minimum		Voltage (in %)			
STATION	VOLTAGE	TIME	VOLTAGE	TIME	< 380	< 390	> 420	> 430
GHANAPUR - 400KV	427	00:00	402	09:57	0	0	20.694	0
GOOTY - 400KV	424	00:00	402	09:34	0	0	18.472	0
HIRIYUR - 400KV	430	03:03	403	09:23	0	0	37.5	0
KAIGA - 400KV	421	03:00	398	08:36	0	0	4.097	0
KOLAR_AC - 400KV	428	02:57	393	09:30	0	0	22.569	0
KUDANKULAM - 400KV	419	01:15	403	09:12	0	0	0	0
SHANKARAPALLY - 400KV	415	00:56	405	12:45	0	0	0	0
SOMANAHALLI - 400KV	423	02:58	394	09:14	0	0	13.542	0
SRIPERUMBADUR - 400KV	417	02:15	397	17:57	0	0	0	0
TRICHY - 400KV	415	20:02	396	11:21	0	0	0	0
TRIVANDRUM - 400KV	419	01:15	396	11:10	0	0	0	0
VIJAYAWADA - 400KV	407	16:48	387	16:45	0	.069	0	0

6.1 Voltage Profile: 220kV

	Maximum		Minimum		Voltage (in %)			
STATION	VOLTAGE	TIME	VOLTAGE	TIME	< 198	< 210	> 235	> 245
GHANAPUR - 220KV	238	00:00	225	12:12	0	0	12.083	0
GOOTY - 220KV	231	00:01	218	09:25	0	0	0	0
HIRIYUR - 220KV	230	00:00	213	09:14	0	0	0	0
KAIGA - 220KV	238	00:00	224	08:41	0	0	28.611	0
KOLAR_AC - 220KV	233	00:00	214	09:31	0	0	0	0
SOMANAHALLI - 220KV	230	03:00	210	09:33	0	0	0	0
SRIPERUMBADUR - 220KV	241	00:00	222	09:13	0	0	30.625	0
TRICHY - 220KV	229	19:53	215	11:24	0	0	0	0
TRIVANDRUM - 220KV	234	01:16	220	11:24	0	0	0	0
VIJAYAWADA - 220KV	232	00:00	224	12:18	0	0	0	0

6.2 Voltage Profile: 765kV

	Maximum		Minimum		Voltage (in %)			
STATION	VOLTAGE	TIME	VOLTAGE	TIME	< 720	< 750	> 780	> 800
KURNOOL - 765KV	796	00:01	766	09:11	0	0	33.61	0
NIZAMABAD - 765KV	803	01:55	772	07:12	0	0	70.56	2.92
RAICHUR_PG - 765KV	798	00:01	769	07:02	0	0	47.15	0
SRIKAKULAM - 765KV	781	13:11	752	18:54	0	0	3.89	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	1,416	0	1,262	5.58	7.14	13.81	17.1
IDUKKI	694.94	732.43	2,148	726.22	1,680	722.94	1,442	8.62	6.13	17.83	14.38
JALAPUT	818.39	838.4	534	837.8	513	837.68	508	5.37	2.53	10.24	4.97
N.SAGAR	155.45	179.9	1,398	178.7	936	179.34	966	128.37	19.95	308.08	39.67
SRISAILAM	243.84	270.7	1,392	269.41	993	268.59	910	140.58	32.05	293.71	65.06
SUPA	495	564	3,159	559.68	2,769	562.75	3,043	7.11	9.35	14.21	20.51
LINGANAMAKKI	522.73	554.5	4,557	553.71	4,322	553.9	4,382	12.24	17.07	24.49	32.34
KAKKI	908.3	981.45	916	975.73	707	969.42	534	4.75	5.37	9.04	11.21
TOTAL	-	-	15,608	-	13,336	-	13,047	312.62	104.12	691.41	215.66

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	-27.58	-11.01	136.41	0	140.19	0	0	0	0	0	0	0	0
KARNATAKA	-23.4	-126.93	-2.81	0	-37.06	0	0	0	0	0	0	0	0
KERALA	0	0	23.59	0	3.44	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	0	0	-16	0	0	0	0	0	0	0	0
TAMILNADU	40.28	54.85	93.29	0	72.62	0	0	0	0	0	0	0	0
TELANGANA	6.74	4.73	873.57	0	1,601.97	0	0	0	0	0	0	0	0
TOTAL	-3.96	-78.36	1,124.05	0	1,765.16	0	0	0	0	0	0	0	0

State	Peak Hours (19:00)												
	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	-16.72	-8	-83.6	0	599.74	0	0	0	0	0	0	0	0
KARNATAKA	-128	-59.86	-147.1	0	-65.1	0	0	0	0	0	0	0	0
KERALA	0	22.89	-7.7	0	791.31	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	0	0	-57	0	0	0	0	0	0	0	0
TAMILNADU	1,776.99	43.07	485.44	0	786.31	0	0	0	0	0	0	0	0
TELANGANA	4.83	4.23	-1,199.9	0	113.31	0	0	0	0	0	0	0	0
TOTAL	1,637.1	2.33	-952.86	0	2,168.57	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	47.78	0.02	0.95	2.36	0	7.32	58.43
KARNATAKA	63.85	-1.03	-2.35	-0.42	0	-1.09	58.96
KERALA	48.25	0.09	0.56	0.83	0	4.67	54.4
PONDICHERRY	9.7	0.12	0	0	0	-0.38	9.44
TAMILNADU	184.09	9.41	2.09	-5.52	0	14.06	204.13
TELANGANA	51.17	1.35	0.9	1.46	0	26.92	81.8
TOTAL	404.84	9.96	2.15	-1.29	0	51.5	467.16

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	2,829.14	1,030.82	46.92	-30.12	115.33	-11.21	0	0	0	0	220.28	-86.1	0	0
KARNATAKA	4,212.95	1,287.14	22.47	-228	-51.67	-127.61	0	-7.3	0	0	57.74	-147.1	0	0
KERALA	2,690.54	1,668.35	9.66	0	48	0	0	0	0	0	180.2	-10.4	0	0
PONDICHERRY	524.67	331.45	14	0	0	0	0	0	0	0	0	-9.88	0	0
TAMILNADU	8,319.44	6,470.15	1,874.24	-8	166.87	9.75	0	0	0	0	681.84	-1423.99	0	0
TELANGANA	3,614.25	272.74	157.56	2.83	134.22	4.03	0	0	0	0	2112.57	-1548.9	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	1,590.63	-91.28	0	0	0	0
KARNATAKA	0	0	0	0	0	0	0	0	-20.27	-125.8	0	0	0	0
KERALA	0	0	0	0	0	0	0	0	826.5	-1.1	0	0	0	0
PONDICHER ..	0	0	0	0	0	0	0	0	14.49	-70	0	0	0	0
TAMILNADU	0	0	0	0	0	0	0	0	2,312.58	-509.88	0	0	0	0
TELANGANA	0	0	0	0	0	0	0	0	2,653.94	-406	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):

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) 765KV-WARANGAL(NEW)-WARORA-1 tripped on B-N fault at 16:11Hrs on 16.09.2025
3) 400kV Khamam-Kalapaka & 400kV Kalpaka-Asupaka lines S/d availed on 25-09-2025 / 08:19 Hrs for for execution of balance erection & stringing works of newly proposed diverted line from Ex. T.No.915 to 920 (2.222 Km), Ex. T.No.903 to 908 (2.058 Km) and Ex. T.No.896 to 901 (2.118 Km)
4) 400KV-NCTPS_STAGE_II-SUNGAVARACHATRAM-2 S/D availed on 02-10-2025 10:07 hrs and 400KV-ALAMATHY-NCTPS_STAGE_II-1 S/D availed on 02-10-2025 10:35 hrs for Provision of loop jumper between 400KV Manali & Sungavarchatram 1 feeder at loc.50

13. Weather Condition:

Karnataka: Moderate rains reported in isolated areas of Southern Karnataka. TN: Light rains reported in Thennampatti, Madurai, Hosur areas.

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	
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	1	0	0	0	0	0	0	0	0	0	0	0
KERALA	0	0	0	0	0	0	0	0	0	0	0	0
TAMILNADU	1	1	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	1	0	0	0	0	0	0	0	0	0	0

REMARKS:

Shift In Charge