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

Power Supply Position in Southern Region For 29-Sep-2025

Date of Reporting:30-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 #
47,594	0	47,594	50.09	36,198	0	36,198	50.04	1,080.82	0

* MW Availabilty indicated above includes SR ISTS Loss.

2(A)State's Load Deails (At State Periphery) in MUs:

STATE	State's Control Area Generation (Net MU)						Net SCH	Drawal	UI	Availability	Demand Met	Shortage #
	THERMAL	HYDRO	GAS/DIESEL/ NAPTHA	WIND	SOLAR	OTHERS	(Net Mu)	(Net Mu)	(Net Mu)	(Net MU)	(Net MU)	(Net MU)
ANDHRA PRADESH	98.88	24.7	0	39.7	12.07	3.03	35.05	35.21	0.16	213.43	213.59	0
KARNATAKA	51.09	57.26	0	42.06	28.33	13.14	25.07	24.16	-0.91	216.95	216.04	0
KERALA	0	32.53	0	0.71	0.97	0.27	48.97	48.76	-0.21	83.45	83.24	0
PONDICHERRY	0	0	0.56	0	0.06	0	9.64	9.64	0	10.26	10.27	0
TAMILNADU	69.76	21.86	3.51	87.6	47.8	5.1	133.85	131.32	-2.53	369.48	366.95	0
TELANGANA	83.41	37.19	0	0.98	18.59	4.84	44.38	45.74	1.36	189.37	190.73	0
Region	303.14	173.54	4.07	171.05	107.82	26.38	296.96	294.83	-2.13	1,082.94	1,080.82	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	9,223	0	9,223	8,196	0	8,196	8,961	206	7.59
KARNATAKA	9,199	0	9,199	6,101	0	6,101	8,950	202.05	13.99
KERALA	4,267	0	4,267	2,797	0	2,797	3,359	83.71	-0.47
PONDICHERRY	456	0	456	347	0	347	408	10.9	-0.63
TAMILNADU	16,611	0	16,611	12,555	0	12,555	15,516	369	-2.05
TELANGANA	7,838	0	7,838	6,202	0	6,202	8,193	187	3.73
Region	47,594	0	47,594	36,198	0	36,198	45,387	1,058.66	22.16

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	9,935	12:14	0	9,935	9,935	12:14	0	9,935	744.06	00:04	-904.39	14:57
KAR	11,369	10:00	0	11,369	11,369	10:00	0	11,369	497.92	06:46	-657.75	19:50
KER	4,371	19:30	0	4,371	4,371	19:30	0	4,371	396.45	19:20	-602.13	18:31
PONDY	471	22:30	0	471	471	22:30	0	471	69.61	01:18	-49.93	19:57
TN	17,936	19:00	0	17,936	17,936	19:00	0	17,936	1,125.97	14:33	-604.01	00:49
TG	9,676	09:59	0	9,676	9,676	09:59	0	9,676	501.2	00:59	-569.1	00:11
Region	50,043	09:19:29	0	50,043	50,043	09:19:29	0	50,043	2,260.48	09:30	-2,528.4	13:23

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	463	449	491	16:09	284	07:41	9.61	8.8	367
KRISHNAPATTANAM (3 * 800)	2,400	1,354	1,355	1,392	19:11	1,152	16:30	33.05	30.82	1,284
RAYALASEEMA TPP(1 * 600 + 5 * 210)	1,650	973	694	1,002	19:10	633	10:56	19.73	17.84	743
SEIL P2 UNIT-2(1 * 660)	660	625	624	634	03:24	328	14:12	13.45	12.68	528
VIJAYAWADA TPS(1 * 800 + 1 * 500 + 6 * 210)	2,560	1,176	1,131	1,352	22:49	1,101	07:59	32.11	28.75	1,198
OTHER THERMAL	0	0	0	0	00:00	0	-	-	-	-
Total THERMAL	8,310	4,591	4,253	-	-	-	-	107.95	98.89	4,120
HAMPI	36	0	0	20	00:00	0	-	0.48	0.48	20
LOWER SILERU(4 * 115)	460	13	13	168	00:56	13	06:59	4.04	4.03	168
SRISAILAM RBPH(7 * 110)	770	599	606	611	04:54	596	07:06	14.59	14.56	607
UPPER SILERU(4 * 60)	240	0	54	162	18:25	2	12:23	1.48	1.48	62
OTHER HYDEL	431	161	362	362	00:00	0	-	4.17	4.15	173
Total HYDEL	1,937	773	1,035	-	-	-	-	24.76	24.7	1,030
GAUTAMI CCPP(1 * 174 + 2 * 145)	464	0	0	0	00:00	0	06:59	0	0	0
GMR (BARG)(1 * 237)	237	0	0	0	00:00	0	06:59	0	0	0
JEGURUPADU (GAS)(1 * 49.9 + 1 * 75.5 + 2 * 45.8)	217	0	0	0	00:00	0	06:59	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	06:59	0	0	0
LANCO (GAS)(1 * 121 + 2 * 115)	351	0	0	0	00:00	0	06:59	0	0	0
RELIANCE ENERGY LTD. (GAS)(1 * 140 + 1 * 80)	220	0	0	0	00:00	0	06:59	0	0	0
SPECTRUM (GAS)(1 * 46.8 + 1 * 68.8 + 2 * 46.1)	208	0	0	0	00:00	0	06:59	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	06:59	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	2,198	1,389	2,645	11:36	801	07:46	39.7	39.7	1,654
SOLAR	3,356	0	0	1,947	10:18	0	06:07	12.07	12.07	503
OTHERS	619	99	98	126	00:56	93	06:59	3.03	3.03	126
Total AP	21,342	7,661	6,775	-	-	-	-	187.51	178.39	7,433

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	189	162	197	20:24	152	09:03	4.46	3.74	156
KAKATIYA ST1&ST2(1 * 500 + 1 * 600)	1,100	957	586	1,026	07:40	405	12:50	18.67	17.57	732
KOTHAGUDEM TPS(1 * 500 + 1 * 800 + 2 * 250)	1,800	1,415	850	1,419	19:48	425	16:08	24.44	22.9	954
RAMAGUNDAM-B(1 * 62.5)	63	0	0	0	00:00	0	06:59	0	0	0
SINGARENI TPS(2 * 600)	1,200	1,075	699	1,123	21:13	0	16:08	19.52	18.12	755
YADADRI(2 * 800)	1,600	1,106	926	1,233	22:54	830	13:04	22.84	21.09	879
Total THERMAL	6,843	4,742	3,223					89.93	83.42	3,476
NAGARJUNA SAGAR(1 * 110 + 7 * 100.8)	816	802	806	823	14:42	783	12:29	19.67	19.61	817
NAGARJUNA SAGAR (PUMP)(1 * 110 + 7 * 100.8)	816	0	0	0	00:00	0	-	0	0	0
SRISAILAM LBPH(6 * 150)	900	676	676	680	18:37	0	16:08	16.22	16.19	675
SRISAILAM LBPH(PUMP)(6 * 150)	900	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	957	67	38	67	00:00	0	06:59	1.4	1.39	58
Total HYDEL	2,673	1,545	1,520					37.29	37.19	1,550
WIND	128	0	0	41	00:00	0	-	0.98	0.98	41
SOLAR	3,818	0	0	2,387	10:54	15	06:10	18.59	18.59	775
OTHERS	252	0	0	202	00:00	0	-	4.84	4.84	202
Total TG	13,714	6,287	4,743					151.63	145.02	6,044

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	759	532	814	18:57	520	10:23	16.34	15.2	633
JINDAL(2 * 130 + 4 * 300)	1,460	0	0	338	18:32	0	-	19.11	17.55	81
JINDAL (EXCL. CAPTIVE CONSUMPTION)(2 * 130 + 4 * 300)	1,460	216	28	338	18:32	0	06:03	1.95	1.95	81
RAICHUR TPS(1 * 250 + 7 * 210)	1,720	655	577	669	21:14	560	11:23	16.7	14.84	618
UPCL(2 * 600)	1,200	0	0	0	00:00	0	06:46	0	0	0
YERAMARAS TPS(2 * 800)	1,600	866	821	917	20:47	738	10:06	20.9	19.1	796
Total THERMAL	7,680	2,496	1,958	-	-	-	-	55.89	51.09	1,478
NAGJHERI(1 * 135 + 5 * 150)	885	697	286	709	20:48	192	13:06	10.53	10.39	433
SHARAVATHI(10 * 103.5)	1,035	872	691	913	18:35	316	08:01	19.14	18.98	791
VARAHI UGPH(4 * 115)	460	442	57	467	20:56	42	07:56	7.21	7.11	296
OTHER HYDEL	2,137	1,281	911	1,281	01:00	669	06:00	20.78	20.78	866
Total HYDEL	4,517	3,292	1,945	-	-	-	-	57.66	57.26	2,386
OTHER GAS/NAPTHA/DIESEL	126	0	0	0	00:00	1	06:59	0	0	0
Total GAS/NAPTHA/DIESEL	126	0	0	-	-	-	-	0	0	0
WIND	5,440	1,620	1,474	2,693	14:45	1,183	08:03	42.06	42.06	1,753
SOLAR	6,571	0	0	3,922	11:01	0	06:05	28.33	28.33	1,180
OTHERS	1,832	90	148	1,728	06:17	57	17:15	13.14	13.14	1,728
Total KAR	26,166	7,498	5,525	-	-	-	-	197.08	191.88	8,525

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	616	360	644	01:12	22	12:07	8.37	8.34	348
LOWER PERIYAR (3 * 60)	180	165	135	170	13:45	90	08:16	3.39	3.38	141
SABARIGIRI(2 * 60 + 4 * 55)	340	222	227	230	13:36	90	10:58	5.16	5.15	215
OTHER HYDEL	834	601	509	652	20:00	337	06:08	15.65	15.65	652
Total HYDEL	2,134	1,604	1,231	-	-	-	-	32.57	32.52	1,356
BRAHMAPURAM DGPP (DIESEL)(3 * 21.32)	64	0	0	0	00:00	4	13:54	0	0	0
BSES (NAPTHA)(1 * 35.5 + 3 * 40.5)	157	0	0	0	00:00	0	06:59	-	-	-
KOZHIKODE DPP (DIESEL)(6 * 16)	96	0	0	0	00:00	0	06:59	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	07:36	0	0	0
OTHER GAS/NAPTHA/DIESEL	22	0	0	0	00:00	0	06:59	-	-	-
Total GAS/NAPTHA/DIESEL	709	0	0	-	-	-	-	0	0	0
WIND	70	0	0	30	00:00	0	-	0.71	0.71	30
SOLAR	1,988	0	0	40	00:00	0	-	0.97	0.97	40
OTHERS	20	0	0	11	00:00	0	-	0.27	0.27	11
Total KER	4,921	1,604	1,231	-	-	-	-	34.52	34.47	1,437

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	1,012	872	1,058	07:08	791	17:25	22.24	20.31	846
NCTPS STG3(Infirm - 800 MW)	0	0	0	0	00:00	0	-	0	0	0
NORTH CHENNAI TPS STG-II(2 * 600)	1,200	767	608	771	18:32	588	11:20	16.14	14.78	616
NORTH CHENNAI TPS(3 * 210)	630	385	373	413	06:07	326	09:01	10.37	9.06	378
OPG PGPL	414	0	0	229	00:00	0	-	6.08	5.49	229
SEPC(1 * 525)	525	494	255	510	06:30	242	12:38	9.17	8.64	360
ST - CMS(1 * 250)	250	248	168	253	18:08	163	11:15	4.75	4.35	181
TUTICORIN(5 * 210)	1,050	321	286	340	11:01	0	10:46	8	7.13	297
Total THERMAL	5,509	3,227	2,562					76.75	69.76	2,907
KADAMPARAI (4 * 100)	400	98	0	100	18:34	5	11:50	0.38	0.38	16
KADAMPARAI (PUMP)(4 * 100)	400	0	0	18	00:00	0	-	0.44	0.44	18
OTHER HYDEL	1,826	892	664	895	01:36	37	08:39	21.67	21.49	895
Total HYDEL	2,226	990	664					22.49	21.87	911
BASIN BRIDGE (NAPTHA)(4 * 30)	120	0	0	0	00:00	0	06:47	0	0	0
KOVIL KALAPPAL (GAS)(1 * 37.8 + 1 * 70)	108	0	0	0	00:00	0	06:03	0	0	0
KUTTALAM (GAS)(1 * 37 + 1 * 64)	101	77	73	89	09:42	67	08:52	1.85	1.72	72
MADURAI POWER CL (DIESEL)(1 * 106)	106	0	0	0	00:00	0	06:59	0	0	0
P P NALLUR (NAPTHA)(1 * 330.5)	331	0	0	0	00:00	0	06:59	0	0	0
SAMALPATTY (DIESEL)(7 * 15.1)	106	0	0	0	00:00	0	06:59	0	0	0
VALATTUR(STG1&STG2)(1 * 32 + 1 * 35 + 2 * 60)	187	34	38	75	10:20	35	17:58	1.93	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	111	111					3.78	3.51	147
WIND	9,392	3,802	2,277	5,446	14:47	2,387	06:00	87.6	87.6	3,650
SOLAR	9,555	0	0	6,285	11:05	7	06:03	47.8	47.8	1,992
OTHERS	2,029	509	508	509	00:43	410	06:47	5.1	5.1	213
Total TN	30,132	8,639	6,122					243.52	235.64	9,820

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	2,368	1,389	2,473	19:52	1,323	06:50	38.65	36.71	1,530
NEYVELI TS I EXPN (2 * 210)	420	0	0	0	00:00	0	06:47	0	0	0
NEYVELI TS II(7 * 210)	1,470	766	683	779	21:30	612	13:05	20.11	16.15	673
NEYVELI TS II EXPN (2 * 250)	500	327	286	346	20:41	11	14:31	7.96	6.67	278
NNTPS(2 * 500)	1,000	912	925	946	03:41	517	08:11	19.93	17.79	741
NTPC-TELANGANA STPP(2*800)	1,600	1,495	868	1,495	20:00	0	-	27.36	25.36	1,057
RAMAGUNDAM(3 * 200 + 4 * 500)	2,600	2,258	1,337	2,318	18:47	1,295	07:38	42.55	39.38	1,641
SIMHADRI STAGE I(2 * 500)	1,000	795	513	855	18:35	481	06:07	15.98	14.62	609
SIMHADRI STAGE II(2 * 500)	1,000	927	530	965	23:16	508	16:25	16.69	15.76	657
TALCHER ST2(4 * 500)	2,000	859	1,286	1,297	03:20	815	09:01	26.5	24.53	1,022
Total THERMAL	13,990	10,707	7,817	-	-	-	-	215.73	196.97	8,208
KAIGA STG1(2 * 220)	440	196	192	200	13:07	185	09:59	5.31	4.8	200
KAIGA STG2(2 * 220)	440	427	428	436	14:23	415	12:45	11.4	10.47	436
KUDANKULAM(2 * 1000)	2,000	1,018	1,021	1,036	16:36	1,006	14:45	24.57	23.09	962
MAPS(2 * 220)	440	0	0	0	00:00	25	16:00	0	0	0
Total NUCLEAR	3,320	1,641	1,641	-	-	-	-	41.28	38.36	1,598
Total ISGS	17,310	12,348	9,458					257.01	235.33	9,806

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	941	525	971	22:50	487	07:11	16.73	15.8	658
VALLUR TPS(3 * 500)	1,500	1,349	868	1,367	21:54	753	08:38	24.35	22.4	933
Total THERMAL	2,500	2,290	1,393	-	-	-	-	41.08	38.2	1,591
Total JOINT_VENTURE	2,500	2,290	1,393					41.08	38.2	1,591

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	777	720	877	00:53	512	13:19	17.58	16.2	675
IL&FS(2 * 600)	1,200	281	541	560	19:28	297	09:30	11.05	10.23	426
JINDAL POWER LIMITED (SIMHAPURI UNIT)(4 * 150)	600	544	300	549	18:39	190	10:57	9.18	8.2	342
MEENAKSHI ENERGY LTD STAGE1(2 * 150)	300	0	0	0	00:00	70	06:58	0	0	0
MEENAKSHI ENERGY LTD STAGE2(2 * 350)	700	0	0	324	00:00	0	-	8.37	7.77	324
SEIL P1(2 * 660)	1,320	1,226	859	1,261	20:38	496	11:13	22.41	21.08	878
SEIL P2 UNIT-1(1 * 660)	660	624	599	631	21:02	311	11:01	13.21	12.49	520
Total THERMAL	5,980	3,452	3,019	-	-	-	-	81.8	75.97	3,165
LKPPL ST2(1 * 133 + 1 * 233)	366	0	0	0	00:00	3	09:09	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	3,452	3,019					81.8	75.97	3,165

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	34	63	76	18:17	13	07:59	1.13	1.13	47
GADAG_RSPPL_W	175	152	87	136	20:00	207	15:13	3.27	3.27	136
GADAG_SERENTICA3_W	52	0	0	33	00:00	0	-	0.8	0.8	33
GADAG_VENA_W	133	42	89	67	20:00	0	-	1.61	1.61	67
GREEN INFRA(1 * 249.90)	250	244	112	247	20:27	84	06:43	4.47	4.47	186
HIRIYUR_OSTRO(1 *300.3)	300	0	0	213	00:00	0	09:42	5.11	5.11	213
HIRIYUR_ZREPL_W	66	42	36	45	20:00	0	-	1.09	1.09	45
JSW RENEW ENERGY TWO LTD	300	261	183	278	00:27	219	07:41	5.75	5.75	240
KARUR_JSWRENEW_W	162	136	115	136	20:00	0	-	3.14	3.14	131
KARUR_JSWRETWO_W	150	84	84	84	20:00	0	-	2.01	2.01	84
KOPPAL_AYANASIX_W	300	149	34	149	20:00	0	-	3.38	3.38	141
KOPPAL_KLEIO_W	101	0	0	42	00:00	0	-	1	1	42
KOPPAL_RENEWOJAS_W	319	0	21	321	13:06	38	08:52	3.07	3.07	128
KOPPAL_RENEWROSHNI_W	291	133	61	254	12:51	70	10:45	3.3	3.3	138
KURNOOL_AMGREEEN_W	304	0	0	123	00:00	0	06:59	2.94	2.94	123
MYTRA(1 * 250)	250	194	132	218	15:22	108	06:30	4.18	4.18	174
ORANGE(1 * 200)	200	188	66	190	19:29	68	06:28	3.24	3.24	135
PGLR_SAUPL_W	53	0	11	37	03:00	0	-	0.89	0.89	37
PGLR_SREPL(1 * 300)	300	250	163	253	19:47	137	06:11	4.21	4.21	175
TUTICORINJSWRENEWW(1 * 51.3)	540	247	284	425	20:00	0	-	10.21	10.21	425
VIVID SOLAIRE (BEETAM)(1 * 220)	220	221	119	221	20:17	114	06:22	4.28	4.28	178
Total RENEWABLE_WIND	4,521	2,377	1,660					69.08	69.08	2,878

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	249	09:40	1	06:06	0.62	0.62	52
ANP_ATHENA BIWADI(1 * 50)	50	0	0	52	11:27	0	06:00	0.27	0.27	23
ANP_ATHENA HISAR(1 * 50)	50	0	0	53	12:05	0	06:00	0.27	0.27	23
ANP_ATHENA KARNAL(1 * 50)	50	0	0	52	12:44	0	06:00	0.26	0.26	22
ANP_AYANA(1 * 250)	250	0	0	243	09:30	1	06:06	0.57	0.57	48
ANP_AZURE(1 * 50)	50	0	0	47	12:54	0	06:00	0.24	0.24	20
ANP_IGS1(1 * 50)	50	0	0	52	12:24	0	06:06	0.26	0.26	22
ANP_IGS2(1 * 50)	50	0	0	52	10:56	0	06:00	0.26	0.26	22
ANP_NTPC(5 * 50)	250	0	0	140	09:30	1	17:59	0.31	0.31	26
ANP_TATA(2 * 50)	100	0	0	95	12:03	0	06:17	0.47	0.47	39
SPRING ANG ITRA(1 * 250)	250	0	0	218	09:40	0	06:10	0.71	0.71	59
PAVAGADA										
PVG_ADYAH(6 * 50)	300	0	0	71	00:00	0	06:40	1.7	1.7	142
PVG_AMPLUS PAVAGADA(1 * 50)	50	0	0	51	10:25	1	06:00	0.3	0.3	25
PVG_AMPLUS TUMKUR(1 * 50)	50	0	0	51	10:26	1	06:00	0.29	0.29	24
PVG_AVAADA SOLAR(3 * 50)	150	0	0	149	12:29	1	06:00	0.83	0.83	69
PVG_AVAADA SOLARISE(3 * 50)	150	0	0	154	10:46	1	06:00	0.84	0.84	70
PVG_AZURE POWER EARTH (2 * 50)	100	0	0	76	10:38	1	06:05	0.43	0.43	36
PVG_FORTUM FIN SURYA(2 * 50)	100	0	0	97	12:30	1	06:00	0.55	0.55	46
PVG_IRCON_S	225	0	0	80	00:00	0	-	1.93	1.93	161
PVG_KREDL(1 * 50)	50	0	0	48	13:05	1	06:00	0.26	0.26	22
PVG_PARAMPUJYA(3 * 50)	150	0	0	128	10:29	1	06:00	0.73	0.73	61
PVG_RENEW TN2(1 * 50)	50	0	0	52	12:21	1	06:00	0.28	0.28	23
PVG_SBG ENERGY(4 * 50)	200	0	0	194	10:57	1	06:01	1.13	1.13	94
PVG_SPRING SOLAR INDIA(5 * 50)	250	0	0	214	09:39	1	06:00	0.75	0.75	63
PVG_TATA RENEWABLES(8 * 50)	400	0	0	321	09:53	1	06:00	1.02	1.02	85
PVG_YARROW(1 * 50)	50	0	0	49	12:35	1	06:00	0.29	0.29	24
OTHER										
GADAG_SERENTICA3_S	69	0	0	14	00:00	0	-	0.34	0.34	28
GADAG_VENA_S	31	0	0	7	00:00	0	-	0.17	0.17	14
GRT(1 * 150)	150	0	0	155	13:19	0	06:05	1.13	1.13	94
KOPPAL_KLEIO_S	105	0	0	13	00:00	0	-	0.32	0.32	27
KOPPAL_RENEWOJAS_S	81	0	0	14	00:00	0	06:59	0.34	0.34	28
KOPPAL_SRI1PL_S	188	0	0	37	00:00	0	-	0.89	0.89	74
KURNOOL_AMGREEN_S	599	0	0	62	00:00	0	-	1.48	1.48	123
NTPC ETTAYAPURAM SOLAR PLANT	230	0	0	251	12:16	1	06:00	1.56	1.56	130
RAMANGUNDAM (SOLAR)(1 * 100)	100	0	0	101	11:39	0	06:00	0.28	0.28	23
SIMHADRI (SOLAR)(1 * 25)	25	0	0	4	00:00	0	09:42	0.09	0.09	8
Total	5,253	0	0					22.17	22.17	1,850

Total ISGS IPP Thermal	22,470	16,449	12,229					338.61	311.14	
STATE THERMAL	28,342	15,056	11,996					330.52	303.16	
Total CPP Import										
Total ISGS & IPP Hydro										
HYDEL	13,487	8,204	6,395	-	-	-	-	174.65	173.54	
GAS/NAPTHA/DIESEL	6,826	111	111	-	-	-	-	4.38	4.07	
NUCLEAR	3,320	1,660	1,659	-	-	-	-	41.29	38.36	
WIND	23,635	9,997	6,799	-	-	-	-	240.13	240.13	
SOLAR	30,643	0	0	-	-	-	-	129.99	129.99	
OTHERS	4,752	698	754	-	-	-	-	26.38	26.38	

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	597	800	-	596	0	17.81	-17.81
3	765KV-SRIKAKULAM-ANGUL	1,306	1,571	2,495	-	30.64	0	30.64
4	HVDC500KV-TALCHER-KOLAR_DC	1,185	1,186	1,189	-	23.69	0	23.69
	Sub-Total EAST REGION	3,088	3,557	3,684	596	54.33	17.81	36.52
	Import/Export between SOUTH REGION and WEST REGION							
1	220KV-AMBEWADI-PONDA	0	1	-	-	0	0	0
2	220KV-AMBEWADI-XELDEM	89	63	-	94	0	1.78	-1.78
3	220KV-CHIKKODI-MUDASANGI	0	0	0	-	-	-	-
4	220KV-CHIKKODI-TALANGADE	-	-	-	-	-	-	-
5	220KV-LOWER_SILERU-BARSUR	-	-	-	-	-	-	-
6	400KV-BHADRAVTAHI-RAMAGUNDAM	922	717	930	-	0	20.13	-20.13
7	400KV-KUDGI_PG-KHOLAPUR_PG	2,021	1,376	-	2,482	0	43.9	-43.9
8	765KV-NIZAMABAD-WARDHA	229	252	1,551	-	0.97	0	0.97
9	765KV-RAICHUR_PG-SHOLAPUR	1,365	648	-	2,021	0	24.74	-24.74

10	765KV-WARANGAL(NEW)-WARORA	22	257	1,123	0	2.85	0	2.85
11	HVDC800KV-RAIGARH HVDC-PUGALUR HVDC	1,253	1,002	3,010	-	0	52.62	-52.62
Sub-Total WEST REGION		5,901	4,316	6,614	4,597	3.82	143.17	-139.35
TOTAL IR EXCHANGE		8,989	7,873	10,298	5,193	58.15	160.98	-102.83

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	8.34	-5.8	-0.02	-0.02	0	0	-28.26	11.982	40.242
SR-WR	-8.37	-26.65	-5.27	-31.22	0	-10.48	-105.6	-139.341	-33.741
Total	-0.03	-32.45	-5.29	-31.24	0	-10.48	-133.86	-127.359	6.501

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	.069	8.044	74.086	51.528	17.87

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

Maximum		Minimum		Average	Freq Variation	Standard	Freq. in 15 mnt blk	
Frequency	Time	Frequency	Time	Frequency	Index	Deviation	Max.	Min.
50.179	07:58:10	49.69	18:27:00	49.995	0.047	0.068	50.12	49.78

6.Voltage Profile: 400kV

	Maximum		Minimum		Voltage (in %)			
STATION	VOLTAGE	TIME	VOLTAGE	TIME	< 380	< 390	> 420	> 430
GHANAPUR - 400KV	424	02:02	407	11:19	0	0	22.5	0
GOOTY - 400KV	423	01:55	397	11:01	0	0	18.264	0
HIRIYUR - 400KV	429	02:01	400	10:59	0	0	29.861	0
KAIGA - 400KV	420	02:02	399	14:42	0	0	.139	0
KOLAR_AC - 400KV	426	03:02	393	18:26	0	0	20.833	0
KUDANKULAM - 400KV	415	23:17	392	12:37	0	0	0	0
SHANKARAPALLY - 400KV	413	00:00	403	18:48	0	0	0	0
SOMANAHALLI - 400KV	420	01:46	391	10:40	0	0	2.639	0
SRIPERUMBADUR - 400KV	413	03:13	395	11:20	0	0	0	0
TRICHY - 400KV	416	21:41	391	12:36	0	0	0	0
TRIVANDRUM - 400KV	416	23:19	387	10:10	0	1.667	0	0
VIJAYAWADA - 400KV	404	01:54	395	12:15	0	0	0	0

6.1 Voltage Profile: 220kV

	Maximum		Minimum		Voltage (in %)			
STATION	VOLTAGE	TIME	VOLTAGE	TIME	< 198	< 210	> 235	> 245
GHANAPUR - 220KV	237	01:56	224	11:20	0	0	20.347	0
GOOTY - 220KV	230	02:25	216	11:01	0	0	0	0
HIRIYUR - 220KV	229	00:00	209	10:58	0	2.222	0	0
KAIGA - 220KV	238	01:34	225	18:44	0	0	21.528	0
KOLAR_AC - 220KV	232	02:02	213	09:55	0	0	0	0
SOMANAHALLI - 220KV	229	03:01	209	10:42	0	4.931	0	0
SRIPERUMBADUR - 220KV	0	00:00	0	00:00	N/A	N/A	N/A	N/A
TRICHY - 220KV	230	01:19	214	12:36	0	0	0	0
TRIVANDRUM - 220KV	232	23:19	217	10:14	0	0	0	0
VIJAYAWADA - 220KV	231	02:16	224	18:45	0	0	0	0

6.2 Voltage Profile: 765kV

	Maximum		Minimum		Voltage (in %)			
STATION	VOLTAGE	TIME	VOLTAGE	TIME	< 720	< 750	> 780	> 800
KURNOOL - 765KV	793	02:09	759	11:19	0	0	25.63	0
NIZAMABAD - 765KV	802	01:43	772	18:48	0	0	90.69	8.75
RAICHUR_PG - 765KV	796	02:29	761	11:19	0	0	32.22	0
SRIKAKULAM - 765KV	780	23:59	761	06:37	0	0	.28	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	1,431	0	1,280	6.33	7.89	200.85	220.26
IDUKKI	694.94	732.43	2,148	726	1,662	723.15	1,457	20.29	7.38	254.66	259.66
JALAPUT	818.39	838.4	534	837.59	503	837.59	503	2.44	2.44	69.37	59.3
N.SAGAR	155.45	179.9	1,398	178.46	920	179.5	974	0	19.64	1,815.97	550.69
SRISAILAM	243.84	270.7	1,392	269.14	965	268.19	873	36.97	30.88	2,199.98	899.02
SUPA	495	564	3,159	559.64	2,765	562.82	3,050	0.02	7.08	166.11	380.73
LINGANAMAKKI	522.73	554.5	4,557	553.65	4,302	553.94	4,397	0.18	14.64	403.98	493.02
KAKKI	908.3	981.45	916	975.62	705	969.75	542	7.62	4.36	124.28	143.28
TOTAL	-	-	15,608	-	13,253	-	13,076	73.85	100.68	5,235.2	3,145.88

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	-219.85	-10.91	47.76	0	112.09	0	0	0	0	0	0	0	0
KARNATAKA	-633.77	-213.43	6.57	0	-30.9	0	0	0	0	0	0	0	0
KERALA	-245.6	0	-10	0	-0.8	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	0	0	-12	0	0	0	0	0	0	0	0
TAMILNADU	-25	58.71	109.44	0	-342.86	0	0	0	0	0	0	0	0
TELANGANA	-37.47	4.23	-305.61	0	-502.7	0	0	0	0	0	0	0	0
TOTAL	-1,161.69	-161.4	-151.84	0	-777.17	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	-220.64	-11.1	-129.7	0	254.63	0	0	0	0	0	0	0	0
KARNATAKA	-826.77	-590.31	-227.01	0	-57.34	0	0	0	0	0	-50	0	0
KERALA	-95.6	1.74	-7.49	0	270.86	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	0	0	45.39	0	0	0	0	0	0	0	0
TAMILNADU	796.82	37.66	-22	0	705.66	0	0	0	0	0	0	0	0
TELANGANA	-114.23	3.93	-1,904.81	0	-4.9	0	0	0	0	0	0	0	0
TOTAL	-460.42	-558.08	-2,291.01	0	1,214.3	0	0	0	0	0	-50	0	0

State	Day Energy (MU)						
	ISGS+GNA Schedule	T-GNA Bilateral	GDAM Schedule	DAM Schedule	HPDAM Schedule	RTM Schedule	Total (MU)
ANDHRA PRADESH	38.35	-4.67	0.93	1.22	0	-0.78	35.05
KARNATAKA	51.39	-14.24	-9.6	-1.4	0	-1.08	25.07
KERALA	46.2	-2.94	0.38	1.49	0	3.84	48.97
PONDICHERRY	9.34	0.12	0	0	0	0.18	9.64
TAMILNADU	143.36	5.23	1.76	-12.29	0	-4.21	133.85
TELANGANA	67.99	-0.11	1.85	-18.35	0	-7	44.38
TOTAL	356.63	-16.61	-4.68	-29.33	0	-9.05	296.96

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	2,270.48	874.28	-137.37	-224.69	129.1	-13	0	0	0	0	285.61	-376.91	0	0
KARNATAKA	3,143.16	1,253.48	-427.02	-826.77	-93.43	-1,030.35	0	-3.5	0	0	46.55	-320.61	0	0
KERALA	2,623.58	1,531.52	-65.94	-245.6	48.67	0	0	0	0	0	216.61	-10	0	0
PONDICHERRY	476.84	314.58	14	0	0	0	0	0	0	0	0	0	0	0
TAMILNADU	7,254.38	3,968.39	853.82	-25	155.6	0	0	0	0	0	967.24	-1903.85	0	0
TELANGANA	3,865.49	1,134.98	127.89	-115.13	233.02	3.93	0	0	0	0	10.65	-2554.81	0	0

State	HPX DAM(MW)		IEX HPDAM (MW)		PXIL HPDAM(MW)		HPX HPDAM(MW)		IEX RTM (MW)		PXIL RTM(MW)		HPX RTM(MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
ANDHRA PRADESH	0	0	0	0	0	0	0	0	566.66	-1,089.01	0	0	0	0
KARNATAKA	0	-50	0	0	0	0	0	0	10.94	-233.2	0	0	0	0
KERALA	0	0	0	0	0	0	0	0	626.04	-0.8	0	0	0	0
PONDICHER ..	0	0	0	0	0	0	0	0	75.32	-64	0	0	0	0
TAMILNADU	0	0	0	0	0	0	0	0	863.63	-963.83	0	0	0	0
TELANGANA	0	0	0	0	0	0	0	0	383.58	-1,102.1	0	0	0	0

9. Synchronisation of new generating units :

SL.NO	Station Name	Owner	Inst. Capacity (MW)	Date	Time

10. Synchronisation of new 220 / 400 / 765 KV Transmission elements and energising of bus /substation :

11.Significant events (If any):

Nil

12.Constraints and instances of congestion in the transmission system

1) 400kV Somanahalli Mylasandra S/C line availed S/D on 03.08.2025/15:38Hrs for construction related works associated with the upcoming 400kV Dommasandra (New) substation, for a period of four months. Expected revival on 31.12.2025.
2) KUDANKULAM U#1(1000 MW) shutdown taken from 01.08.2025 for refueling. The unit is expected to be synchronized back to the grid by 04-10-2025 .
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:

Normal

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	2	0	0	0	0	0	0	0	0	0	0	0
KARNATAKA	0	0	0	0	0	0	0	0	0	4	0	0
KERALA	0	0	1	0	0	0	0	0	0	0	0	0
TAMILNADU	1	0	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