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

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

Date of Reporting:04-Aug-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 #
46,662	0	46,662	49.86	47,891	0	47,891	50.03	1,228.46	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	121.37	24.96	0	11.24	11.11	2.55	89.83	90.56	0.73	261.06	261.78	0
KARNATAKA	50.89	55.73	0	15.3	28.87	13.73	81.92	84.82	2.9	246.45	249.35	0
KERALA	0	40.9	0	0.43	0.91	0.27	30.83	27.81	-3.02	73.35	70.33	0
PONDICHERRY	0	0	0.52	0	0.04	0	9	8.93	-0.07	9.56	9.5	0
TAMILNADU	64.41	28.48	3.98	54.82	31.6	5.06	161.17	157.53	-3.64	349.52	345.88	0
TELANGANA	89.53	41.62	0	0.46	18.75	3.46	138.36	137.81	-0.55	292.17	291.62	0
Region	326.2	191.69	4.5	82.25	91.28	25.07	511.11	507.46	-3.65	1,232.11	1,228.46	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	10,037	0	10,037	9,782	0	9,782	10,904	255	6.78
KARNATAKA	9,327	0	9,327	8,053	0	8,053	10,454	246.1	3.25
KERALA	3,446	0	3,446	2,666	0	2,666	2,807	74.15	-3.82
PONDICHERRY	372	0	372	391	0	391	378	10.5	-1
TAMILNADU	14,412	0	14,412	14,877	0	14,877	14,791	366	-20.12
TELANGANA	9,068	0	9,068	12,122	0	12,122	12,610	284	7.62
Region	46,662	0	46,662	47,891	0	47,891	51,944	1,235.75	-7.29

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	12,879	11:56	0	12,879	12,879	11:56	0	12,879	553.17	16:01	-765.84	08:58
KAR	13,430	11:00	0	13,430	13,430	11:00	0	13,430	525.24	07:16	-837.37	06:44
KER	3,471	19:00	-	3,471	3,471	19:00	-	3,471	473.51	16:46	-292.14	15:08
PONDY	437	00:15	0	437	437	00:15	0	437	41.13	13:37	-38.56	07:04
TN	15,700	00:30	0	15,700	15,700	00:30	0	15,700	1,289.88	14:33	-1,032.32	12:20
TG	15,474	10:02	0	15,474	15,474	10:02	0	15,474	665.99	06:47	-640.38	17:01
Region	58,504	09:26:29	0	58,504	58,504	09:26:29	0	58,504	1,988.52	19:01	-3,460.58	17:32

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	1,002	977	1,017	09:27	923	12:00	23.6	22.37	932
KRISHNAPATTANAM (3 * 800)	2,400	1,101	1,096	1,181	23:55	980	14:53	27.44	25.94	1,081
RAYALASEEMA TPP(1 * 600 + 5 * 210)	1,650	1,201	1,004	1,273	01:02	883	18:41	30.65	27.99	1,166
SEIL P2 UNIT-2(1 * 660)	660	619	576	632	20:19	383	00:44	15.08	14.22	593
VIJAYAWADA TPS(1 * 800 + 1 * 500 + 6 * 210)	2,560	1,240	1,319	1,414	03:54	1,130	18:47	33.82	30.86	1,286
OTHER THERMAL	0	0	0	0	00:00	0	-	-	-	-
Total THERMAL	8,310	5,163	4,972	-	-	-	-	130.59	121.38	5,058
HAMPI	36	0	0	20	00:00	0	-	0.48	0.48	20
LOWER SILERU(4 * 115)	460	391	13	393	19:37	13	10:48	3.2	3.19	133
SRISAILAM RBPH(7 * 110)	770	645	631	652	08:02	629	00:20	15.53	15.49	645
UPPER SILERU(4 * 60)	240	157	0	163	19:09	3	09:14	0.94	0.94	39
OTHER HYDEL	431	189	184	202	00:00	0	-	4.88	4.86	203
Total HYDEL	1,937	1,382	828	-	-	-	-	25.03	24.96	1,040
GAUTAMI CCPP(1 * 174 + 2 * 145)	464	0	0	0	00:00	0	00:00	0	0	0
GMR (BARG)(1 * 237)	237	0	0	0	00:00	0	00:00	0	0	0
JEGURUPADU (GAS)(1 * 49.9 + 1 * 75.5 + 2 * 45.8)	217	0	0	0	00:00	0	00:00	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	00:00	0	0	0
LANCO (GAS)(1 * 121 + 2 * 115)	351	0	0	0	00:00	0	00:00	0	0	0
RELIANCE ENERGY LTD. (GAS)(1 * 140 + 1 * 80)	220	0	0	0	00:00	0	00:00	0	0	0
SPECTRUM (GAS)(1 * 46.8 + 1 * 68.8 + 2 * 46.1)	208	0	0	0	00:00	0	00:00	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	00:00	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	223	1,384	1,472	00:00	106	13:47	11.24	11.24	468
SOLAR	3,192	0	0	1,771	11:49	0	06:01	11.11	11.11	463
OTHERS	619	97	86	106	00:00	82	00:00	2.55	2.55	106
Total AP	21,178	6,865	7,270	-	-	-	-	180.52	171.24	7,135

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	436	570	576	02:44	281	09:27	11.16	9.77	407
KAKATIYA ST1&ST2(1 * 500 + 1 * 600)	1,100	1,016	1,011	1,041	05:53	586	10:34	21.12	19.94	831
KOTHAGUDEM TPS(1 * 500 + 1 * 800 + 2 * 250)	1,800	867	857	903	06:27	555	16:03	18.79	17.63	735
RAMAGUNDAM-B(1 * 62.5)	63	0	0	0	00:00	0	17:16	0	0	0
SINGARENI TPS(2 * 600)	1,200	1,153	1,197	1,216	05:36	665	12:21	23.15	21.57	899
YADADRI(2 * 800)	1,600	909	893	1,436	00:00	877	19:22	22.5	20.62	859
Total THERMAL	6,843	4,381	4,528					96.72	89.53	3,731
NAGARJUNA SAGAR(1 * 110 + 7 * 100.8)	816	722	708	726	00:08	627	23:55	17.21	17.15	715
NAGARJUNA SAGAR (PUMP)(1 * 110 + 7 * 100.8)	816	0	0	0	00:00	0	-	0	0	0
SRISAILAM LBPH(6 * 150)	900	716	714	729	07:45	676	14:55	17.18	17.15	715
SRISAILAM LBPH(PUMP)(6 * 150)	900	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	957	315	292	315	00:00	0	07:56	7.36	7.32	305
Total HYDEL	2,673	1,753	1,714					41.75	41.62	1,735
WIND	128	0	0	19	00:00	0	-	0.46	0.46	19
SOLAR	3,811	0	0	2,392	12:53	0	02:40	18.75	18.75	781
OTHERS	252	0	0	144	00:00	0	-	3.46	3.46	144
Total TG	13,707	6,134	6,242					161.14	153.82	6,410

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	435	414	442	19:09	385	01:53	10.48	9.62	401
JINDAL(2 * 130 + 4 * 300)	1,460	0	0	280	14:06	0	-	24.31	22.38	23
JINDAL (EXCL. CAPTIVE CONSUMPTION)(2 * 130 + 4 * 300)	1,460	0	38	280	14:06	0	00:08	0.54	0.54	23
RAICHUR TPS(1 * 250 + 7 * 210)	1,720	537	758	782	02:04	527	19:21	18.43	16.23	676
UPCL(2 * 600)	1,200	0	0	0	00:00	0	01:23	0	0	0
YERAMARAS TPS(2 * 800)	1,600	1,068	897	1,148	23:37	858	02:28	26.41	24.5	1,021
Total THERMAL	7,680	2,040	2,107	-	-	-	-	55.86	50.89	1,211
NAGJHERI(1 * 135 + 5 * 150)	885	703	388	704	19:52	98	16:08	10.35	10.21	425
SHARAVATHI(10 * 103.5)	1,035	844	827	861	17:50	226	15:03	18.07	17.92	747
VARAHI UGPH(4 * 115)	460	460	452	462	07:23	44	13:00	8.63	8.48	353
OTHER HYDEL	2,137	1,347	1,329	1,347	00:01	488	00:00	19.13	19.13	797
Total HYDEL	4,517	3,354	2,996	-	-	-	-	56.18	55.74	2,322
OTHER GAS/NAPTHA/DIESEL	126	0	0	0	00:00	1	00:00	0	0	0
Total GAS/NAPTHA/DIESEL	126	0	0	-	-	-	-	0	0	0
WIND	5,408	388	1,032	1,266	00:07	194	18:20	15.3	15.3	638
SOLAR	6,404	0	0	3,841	10:54	0	05:36	28.87	28.87	1,203
OTHERS	1,832	99	75	1,775	15:43	68	09:03	13.73	13.73	1,775
Total KAR	25,967	5,881	6,210	-	-	-	-	169.94	164.53	7,149

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	488	612	637	16:42	143	13:05	12.16	12.12	505
LOWER PERIYAR (3 * 60)	180	120	120	122	13:56	0	10:50	2.57	2.56	107
SABARIGIRI(2 * 60 + 4 * 55)	340	274	274	301	20:59	254	14:51	6.65	6.63	276
OTHER HYDEL	834	681	724	816	00:00	459	00:00	19.59	19.59	816
Total HYDEL	2,134	1,563	1,730	-	-	-	-	40.97	40.9	1,704
BRAHMAPURAM DGPP (DIESEL)(3 * 21.32)	64	0	0	0	00:00	3	10:54	0	0	0
BSES (NAPTHA)(1 * 35.5 + 3 * 40.5)	157	0	0	0	00:00	0	00:00	-	-	-
KOZHIKODE DPP (DIESEL)(6 * 16)	96	0	0	0	00:00	0	00:00	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	01:44	0	0	0
OTHER GAS/NAPTHA/DIESEL	22	0	0	0	00:00	0	00:00	-	-	-
Total GAS/NAPTHA/DIESEL	709	0	0	-	-	-	-	0	0	0
WIND	70	0	0	18	00:00	0	-	0.43	0.43	18
SOLAR	417	0	0	38	00:00	0	-	0.91	0.91	38
OTHERS	20	0	0	11	00:00	0	-	0.27	0.27	11
Total KER	3,350	1,563	1,730	-	-	-	-	42.58	42.51	1,771

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	775	985	1,021	00:16	773	20:01	21.59	19.74	823
NCTPS STG3(Infirm - 800 MW)	0	0	0	500	00:00	0	-	13.03	12	500
NORTH CHENNAI TPS STG-II(2 * 600)	1,200	402	382	418	07:07	372	00:01	10.3	9.42	393
NORTH CHENNAI TPS(3 * 210)	630	289	259	309	03:42	157	23:16	7.9	6.76	282
OPG PGPL	414	0	0	200	00:00	0	-	5.34	4.81	200
SEPC(1 * 525)	525	0	0	0	00:00	19	01:06	0	0	0
ST - CMS(1 * 250)	250	0	0	0	00:00	0	21:48	0	0	0
TUTICORIN(5 * 210)	1,050	493	512	523	14:00	0	21:18	12.9	11.68	487
Total THERMAL	5,509	1,959	2,138					71.06	64.41	2,685
KADAMPARAI (4 * 100)	400	0	0	101	00:03	3	02:08	0.58	0.58	24
KADAMPARAI (PUMP)(4 * 100)	400	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	1,826	1,052	1,340	1,340	03:01	86	00:16	28.16	27.91	1,163
Total HYDEL	2,226	1,052	1,340					28.74	28.49	1,187
BASIN BRIDGE (NAPTHA)(4 * 30)	120	0	0	0	00:00	0	05:42	0	0	0
KOVIL KALAPPAL (GAS)(1 * 37.8 + 1 * 70)	108	0	0	0	00:00	0	01:16	0	0	0
KUTTALAM (GAS)(1 * 37 + 1 * 64)	101	85	87	87	06:01	83	22:23	2.02	1.88	78
MADURAI POWER CL (DIESEL)(1 * 106)	106	0	0	0	00:00	0	00:00	0	0	0
P P NALLUR (NAPTHA)(1 * 330.5)	331	0	0	0	00:00	0	00:00	0	0	0
SAMALPATTY (DIESEL)(7 * 15.1)	106	0	0	0	00:00	0	00:00	0	0	0
VALATTUR(STG1&STG2)(1 * 32 + 1 * 35 + 2 * 60)	187	141	141	141	00:00	141	00:00	2.26	2.1	88
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	00:00	0	0	0
Total GAS/NAPTHA/DIESEL	1,421	226	228					4.28	3.98	166
WIND	9,299	4,802	575	4,927	20:20	427	04:45	54.82	54.82	2,284
SOLAR	8,631	0	0	4,529	11:31	13	06:07	31.6	31.6	1,317
OTHERS	2,029	423	573	587	00:00	423	00:00	5.06	5.06	211
Total TN	29,115	8,462	4,854					195.56	188.36	7,850

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	744	486	801	00:10	427	11:23	13.26	12.47	520
NEYVELI TS I EXPN (2 * 210)	420	245	267	271	20:32	209	17:44	6.29	5.73	239
NEYVELI TS II(7 * 210)	1,470	416	447	506	10:05	392	19:27	13.31	10.39	433
NEYVELI TS II EXPN (2 * 250)	500	327	329	343	07:05	0	12:53	8.57	7.24	302
NNTPS(2 * 500)	1,000	467	460	483	06:33	274	09:32	10.6	10.1	421
NTPC-TELANGANA STPP(2*800)	1,600	1,516	1,441	1,516	20:00	0	-	30.05	27.93	1,164
RAMAGUNDAM(3 * 200 + 4 * 500)	2,600	1,958	1,840	1,987	00:28	1,049	16:35	39.75	37.08	1,545
SIMHADRI STAGE I(2 * 500)	1,000	914	929	934	01:21	495	17:24	18.84	17.54	731
SIMHADRI STAGE II(2 * 500)	1,000	945	929	970	20:17	501	16:08	19.04	17.75	740
TALCHER ST2(4 * 500)	2,000	1,827	1,839	1,859	20:46	1,039	13:36	42.4	39.89	1,662
Total THERMAL	13,990	9,359	8,967	-	-	-	-	202.11	186.12	7,757
KAIGA STG1(2 * 220)	440	191	191	202	13:05	189	01:49	5.35	4.84	202
KAIGA STG2(2 * 220)	440	419	420	431	13:13	414	07:32	11.27	10.35	431
KUDANKULAM(2 * 1000)	2,000	1,012	1,018	1,024	23:09	978	09:10	24.51	23.02	959
MAPS(2 * 220)	440	250	244	257	12:59	232	07:48	5.35	4.52	188
Total NUCLEAR	3,320	1,872	1,873	-	-	-	-	46.48	42.73	1,780
Total ISGS	17,310	11,231	10,840					248.59	228.85	9,537

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	953	807	964	00:15	358	12:11	17.29	16.33	680
VALLUR TPS(3 * 500)	1,500	914	737	949	06:13	501	12:11	18.03	16.52	688
Total THERMAL	2,500	1,867	1,544	-	-	-	-	35.32	32.85	1,368
Total JOINT_VENTURE	2,500	1,867	1,544					35.32	32.85	1,368

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	18	300	334	00:29	20	19:17	3.5	3.17	132
IL&FS(2 * 600)	1,200	546	540	561	22:25	300	11:30	12.76	11.83	493
JINDAL POWER LIMITED (SIMHAPURI UNIT)(4 * 150)	600	275	196	277	19:32	100	14:52	4.88	4.48	187
MEENAKSHI ENERGY LTD STAGE1(2 * 150)	300	0	0	228	00:00	0	00:00	6.13	5.47	228
MEENAKSHI ENERGY LTD STAGE2(1 * 350)	350	0	0	225	00:00	0	-	6.04	5.4	225
SEIL P1(2 * 660)	1,320	1,270	1,253	1,270	20:00	714	14:51	26.43	25.02	1,043
SEIL P2 UNIT-1(1 * 660)	660	632	618	637	20:57	411	15:21	13.61	12.97	540
Total THERMAL	5,630	2,741	2,907	-	-	-	-	73.35	68.34	2,848
LKPPL ST2(1 * 133 + 1 * 233)	366	0	0	180	00:00	3	00:15	0.02	0.01	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	-	-	-	-	0.02	0.01	0
Total REGIONAL_IPP	6,728	2,741	2,907					73.37	68.35	2,848

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	1	57	60	03:16	0	13:58	0.44	0.44	18
GADAG_RSPPL_W	175	11	27	31	20:00	120	21:59	0.75	0.75	31
GADAG_VENA_W	133	3	101	35	20:00	0	-	0.83	0.83	35
GREEN INFRA(1 * 249.90)	250	224	0	247	22:14	1	07:35	1.42	1.42	59
HIRIYUR_OSTRO(1 *300.3)	300	0	0	0	00:00	0	02:26	0	0	0
HIRIYUR_ZREPL_W	66	14	30	118	20:00	0	-	2.82	2.82	118
JSW RENEW ENERGY TWO LTD	300	176	14	248	21:21	3	03:50	1.08	1.08	45
KARUR_JSWRETWO_W	150	83	48	83	20:00	0	-	1.25	1.25	52
KOPPAL_AYANASIX_W	300	15	44	47	20:00	0	-	1.13	1.13	47
KOPPAL_RENEWOJAS_W	308	0	64	187	21:53	15	17:54	1.59	1.59	66
KOPPAL_RENEWROSHNI_W	291	20	43	156	21:39	9	14:48	0.93	0.93	39
KURNOOL_AMGREEEN_W	301	0	0	72	00:00	0	00:00	1.73	1.73	72
MYTRA(1 * 250)	250	161	0	209	21:54	0	07:40	1.36	1.36	57
ORANGE(1 * 200)	200	158	0	187	22:09	2	07:51	1.1	1.1	46
PGLR_SAUPL_W	53	0	0	0	00:00	0	-	0	0	0
PGLR_SREPL(1 * 300)	300	143	133	200	20:22	0	11:09	2.13	2.13	89
TUTICORINJSWRENEWW(1 * 51.3)	540	305	0	305	20:00	0	-	2.39	2.39	100
VIVID SOLAIRE (BEETAM)(1 * 220)	220	214	0	220	20:57	1	03:33	1.56	1.56	65
Total RENEWABLE_WIND	4,192	1,528	561					22.51	22.51	939

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	242	13:38	1	18:48	1.34	1.34	112
ANP_ATHENA BIWADI(1 * 50)	50	0	0	53	14:12	0	18:48	0.27	0.27	23
ANP_ATHENA HISAR(1 * 50)	50	0	0	52	14:17	0	18:58	0.25	0.25	21
ANP_ATHENA KARNAL(1 * 50)	50	0	0	51	14:10	0	18:58	0.26	0.26	22
ANP_AYANA(1 * 250)	250	0	0	261	12:01	1	18:49	1.41	1.41	118
ANP_AZURE(1 * 50)	50	0	0	44	12:01	0	18:48	0.23	0.23	19
ANP_IGS1(1 * 50)	50	0	0	52	14:11	0	18:58	0.26	0.26	22
ANP_IGS2(1 * 50)	50	0	0	52	14:09	0	18:48	0.28	0.28	23
ANP_NTPC(5 * 50)	250	0	0	169	12:04	1	18:45	0.86	0.86	72
ANP_TATA(2 * 50)	100	0	0	94	14:12	0	18:48	0.46	0.46	38
SPRING ANG ITRA(1 * 250)	250	0	0	226	12:03	1	18:56	1.21	1.21	101
PAVAGADA										
PVG_ADYAH(6 * 50)	300	0	0	69	00:00	0	08:16	1.66	1.66	138
PVG_AMPLUS PAVAGADA(1 * 50)	50	0	0	52	14:08	1	18:40	0.3	0.3	25
PVG_AMPLUS TUMKUR(1 * 50)	50	0	0	50	10:34	1	18:40	0.28	0.28	23
PVG_AVAADA SOLAR(3 * 50)	150	0	0	141	13:30	1	18:40	0.74	0.74	62
PVG_AVAADA SOLARISE(3 * 50)	150	0	0	144	10:45	1	18:40	0.84	0.84	70
PVG_AZURE POWER EARTH (2 * 50)	100	0	0	75	13:24	1	18:40	0.43	0.43	36
PVG_FORTUM FIN SURYA(2 * 50)	100	0	0	71	10:52	1	18:40	0.4	0.4	33
PVG_IRCON_S	225	0	0	60	00:00	0	-	1.43	1.43	119
PVG_KREDL(1 * 50)	50	0	0	45	13:31	1	18:40	0.29	0.29	24
PVG_PARAMPUJYA(3 * 50)	150	0	0	122	13:23	1	18:40	0.75	0.75	63
PVG_RENEW TN2(1 * 50)	50	0	0	47	14:06	1	18:40	0.3	0.3	25
PVG_SBG ENERGY(4 * 50)	200	0	0	188	13:17	0	18:40	1.1	1.1	92
PVG_SPRING SOLAR INDIA(5 * 50)	250	0	0	225	13:32	1	18:40	1.39	1.39	116
PVG_TATA RENEWABLES(8 * 50)	400	0	0	324	10:28	1	18:40	2.01	2.01	168
PVG_YARROW(1 * 50)	50	0	0	44	10:42	1	18:40	0.28	0.28	23
OTHER										
GADAG_VENA_S	31	0	0	7	00:00	0	-	0.17	0.17	14
GRT(1 * 150)	150	0	0	115	11:11	1	18:37	0.63	0.63	53
KOPPAL_KLEIO_S	105	0	0	23	00:00	0	-	0.56	0.56	47
KOPPAL_RENEWOJAS_S	81	0	0	18	00:00	0	00:00	0.43	0.43	36
KOPPAL_SRI1PL_S	179	0	0	50	00:00	0	-	1.2	1.2	100
KURNOOL_AMGREEN_S	550	0	0	0	00:00	0	-	0	0	0
NTPC ETTAYAPURAM SOLAR PLANT	230	0	0	233	11:26	2	18:32	1.13	1.13	94
RAMANGUNDAM (SOLAR)(1 * 100)	100	0	0	20	02:26	20	02:26	0.48	0.48	40
SIMHADRI (SOLAR)(1 * 25)	25	0	0	0	00:00	0	02:26	0	0	0
Total	5,126	0	0					23.63	23.63	1,972

Total ISGS IPP Thermal	22,120	13,967	13,418					310.78	287.31	
STATE THERMAL	28,342	13,543	13,745					354.23	326.21	
Total CPP Import										
Total ISGS & IPP Hydro										
HYDEL	13,487	9,104	8,608	-	-	-	-	192.42	191.71	
GAS/NAPTHA/DIESEL	6,826	226	228	-	-	-	-	4.86	4.51	
NUCLEAR	3,320	1,872	1,873	-	-	-	-	46.48	42.73	
WIND	23,181	6,941	3,552	-	-	-	-	104.76	104.76	
SOLAR	27,683	0	0	-	-	-	-	114.91	114.91	
OTHERS	4,752	619	734	-	-	-	-	25.07	25.07	

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	610	610	629	-	14.61	0	14.61
3	765KV-SRIKAKULAM-ANGUL	1,095	1,866	3,017	-	40.77	0	40.77
4	HVDC500KV-TALCHER-KOLAR_DC	1,185	1,185	1,971	-	34.66	0	34.66
	Sub-Total EAST REGION	2,890	3,661	5,617	0	90.04	0	90.04
	Import/Export between SOUTH REGION and WEST REGION							
1	220KV-AMBEWADI-PONDA	0	0	-	-	0	0	0
2	220KV-AMBEWADI-XELDEM	104	80	-	114	0	2.19	-2.19
3	220KV-CHIKKODI-MUDASANGI	0	0	0	-	-	-	-
4	220KV-CHIKKODI-TALANGADE	-	-	-	-	-	-	-
5	220KV-LOWER_SILERU-BARSUR	-	-	-	-	-	-	-
6	400KV-BHADRAVTAHI-RAMAGUNDAM	495	299	1,013	-	14.02	0	14.02
7	400KV-KUDGI_PG-KHOLAPUR_PG	1,212	750	-	1,494	0	20.7	-20.7
8	765KV-NIZAMABAD-WARDHA	281	1,289	3,021	-	28.55	0	28.55
9	765KV-RAICHUR_PG-SHOLAPUR	1,639	29	-	2,064	0	6.5	-6.5
10	765KV-WARANGAL(NEW)-WARORA	227	1,270	2,955	-	28.05	0	28.05

11	HVDC800KV-RAIGARH HVDC-PUGALUR HVDC	280	721	2,928	-	64.25	0	64.25
Sub-Total WEST REGION		4,238	4,438	9,917	3,672	134.87	29.39	105.48
TOTAL IR EXCHANGE		7,128	8,099	15,534	3,672	224.91	29.39	195.52

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	26.05	-5.18	0	0.07	0	0	-15.75	50.149	65.899
SR-WR	35.77	-5.19	0.89	58.08	0	50.21	150.69	105.473	-45.217
Total	61.82	-10.37	0.89	58.15	0	50.21	134.94	155.622	20.682

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	.185	7.963	77.153	49.734	14.884

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

Maximum		Minimum		Average	Freq Variation	Standard	Freq. in 15 mnt blk	
Frequency	Time	Frequency	Time	Frequency	Index	Deviation	Max.	Min.
50.226	14:35:30	49.686	07:35:50	49.994	0.046	0.067	50.17	49.77

6.Voltage Profile: 400kV

	Maximum		Minimum		Voltage (in %)			
STATION	VOLTAGE	TIME	VOLTAGE	TIME	< 380	< 390	> 420	> 430
GHANAPUR - 400KV	421	18:17	400	07:19	0	0	2.431	0
GOOTY - 400KV	419	18:02	399	10:32	0	0	0	0
HIRIYUR - 400KV	422	23:59	396	10:33	0	0	5.833	0
KAIGA - 400KV	420	17:06	394	08:36	0	0	0	0
KOLAR_AC - 400KV	425	23:58	394	10:39	0	0	4.861	0
KUDANKULAM - 400KV	418	00:00	404	14:43	0	0	0	0
SHANKARAPALLY - 400KV	415	17:58	405	09:22	0	0	0	0
SOMANAHALLI - 400KV	420	23:55	394	10:31	0	0	0	0
SRIPERUMBADUR - 400KV	414	18:02	399	00:05	0	0	0	0
TRICHY - 400KV	414	06:03	401	10:48	0	0	0	0
TRIVANDRUM - 400KV	419	00:00	405	08:58	0	0	0	0
VIJAYAWADA - 400KV	417	18:34	381	05:43	0	3.681	0	0

6.1 Voltage Profile: 220kV

	Maximum		Minimum		Voltage (in %)			
STATION	VOLTAGE	TIME	VOLTAGE	TIME	< 198	< 210	> 235	> 245
GHANAPUR - 220KV	234	23:42	221	07:19	0	0	0	0
GOOTY - 220KV	228	18:05	215	10:52	0	0	0	0
HIRIYUR - 220KV	230	18:32	212	10:34	0	0	0	0
KAIGA - 220KV	236	16:38	221	08:37	0	0	2.986	0
KOLAR_AC - 220KV	233	23:55	214	10:33	0	0	0	0
SOMANAHALLI - 220KV	226	23:53	211	10:53	0	5.069	0	0
SRIPERUMBADUR - 220KV	0	00:00	0	00:00	0	0	0	0
TRICHY - 220KV	230	00:00	223	10:52	0	0	0	0
TRIVANDRUM - 220KV	231	06:05	223	19:32	0	0	0	0
VIJAYAWADA - 220KV	231	18:04	221	09:20	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	18:03	755	07:19	0	0	58.4	0
NIZAMABAD - 765KV	800	17:16	746	07:17	0	2.71	79.93	2.85
RAICHUR_PG - 765KV	793	18:03	755	07:19	0	0	70.83	0
SRIKAKULAM - 765KV	793	18:03	749	07:22	0	.49	61.53	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	1,457	0	1,173	11.53	12.07	23.89	21.35
IDUKKI	694.94	732.43	2,148	724.36	1,541	721.43	1,336	19.3	12.91	37.6	25.04
JALAPUT	818.39	838.4	534	835.21	399	834.21	361	1.05	2.29	4.6	4.6
N.SAGAR	155.45	179.9	1,398	178.52	923	170.26	536	80.76	17.21	198.21	34.36
SRISAILAM	243.84	270.7	1,392	268.8	931	269.38	990	43.39	31.95	172	64.59
SUPA	495	564	3,159	551.45	2,097	556.47	2,496	13.84	17.35	28.99	29.96
LINGANAMAKKI	522.73	554.5	4,557	552.15	3,834	553.32	4,192	32.38	17.52	52.6	35.44
KAKKI	908.3	981.45	916	975.48	704	966.4	471	8.92	6.8	15.32	13.43
TOTAL	-	-	15,608	-	11,886	-	11,555	211.17	124.36	533.21	239.46

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	-194.36	-12.41	696.81	0	444.98	0	0	0	0	0	0	0	0
KARNATAKA	-615.93	-70.34	-81.93	0	-28.7	0	0	0	0	0	0	0	0
KERALA	-113.38	0	-10	0	-0.8	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	0	0	0	0	0	0	0	0	0	0	0
TAMILNADU	1,426.19	76.62	54.47	0	2,132.36	0	0	0	0	0	0	0	0
TELANGANA	-36.89	0	2,242.93	0	-2.6	0	0	0	0	0	0	0	0
TOTAL	465.63	-6.13	2,902.28	0	2,545.24	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	-185.77	-11.6	1,272.51	0	218.83	0	0	0	0	0	0	0	0
KARNATAKA	-615.93	-82.26	-97.43	0	259.14	0	0	0	0	0	0	0	0
KERALA	-113.38	0	73.66	0	141.66	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	0	0	-27	0	0	0	0	0	0	0	0
TAMILNADU	1,592.07	0	99.48	0	-353.97	0	0	0	0	0	0	0	0
TELANGANA	-114.61	0	-707	0	72.48	0	0	0	0	0	0	0	0
TOTAL	562.38	-93.86	641.22	0	311.14	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	53.84	-4.06	0.81	18.82	0	20.42	89.83
KARNATAKA	92.94	-12.44	-2.64	0.59	0	3.47	81.92
KERALA	34.71	-2.25	0.5	-1.32	0	-0.81	30.83
PONDICHERRY	8.95	0.11	0	0	0	-0.06	9
TAMILNADU	131.38	19.95	2.15	-2.4	0	10.09	161.17
TELANGANA	75.73	-0.69	0.68	47.03	0	15.61	138.36
TOTAL	397.55	0.62	1.5	62.72	0	48.72	511.11

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	3,069.32	1,363.43	-120.58	-206.61	95.79	-13.6	0	0	0	0	1941.59	164.38	0	0
KARNATAKA	5,491.42	2,685.75	-284.3	-615.93	-35.26	-387.56	0	0	0	0	864.5	-117.6	0	0
KERALA	2,044.59	1,097.59	-63.58	-113.38	46.46	0	0	0	0	0	218.9	-474.72	0	0
PONDICHERRY	420.88	322.22	13.98	0	0	0	0	0	0	0	0	0	0	0
TAMILNADU	6,719.21	4,183.72	1,956.28	-25	156.62	0	0	0	0	0	671.2	-888.4	0	0
TELANGANA	4,241.97	2,287.47	54.18	-114.61	84.12	0	0	0	0	0	4615.94	-827.8	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	2,314.76	-159.81	0	0	0	0
KARNATAKA	0	0	0	0	0	0	0	0	936.07	-38.9	0	0	0	0
KERALA	0	0	0	0	0	0	0	0	165.18	-400.6	0	0	0	0
PONDICHER ..	0	0	0	0	0	0	0	0	23.13	-29	0	0	0	0
TAMILNADU	0	0	0	0	0	0	0	0	2,610.74	-1,380.41	0	0	0	0
TELANGANA	0	0	0	0	0	0	0	0	3,222.47	-602.6	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-KALVENDAPATTU-VALLUR-1 and 400KV-KALVENDAPATTU-VALLUR-2 lines are under S/D from 17.07.25; 08:50 Hrs and 18.07.25; 08:04 Hrs for providing of back stays and destringing of conductors between towers MC-054 to MC-059 (5 span) under TNRDC line diversion work
2) 220KV-MYSORE-HOOTAGALLI-2 availed S/D on 16.07.2025 at 10:27Hrs for Replacement of existing drake ACSR by HPC conductor from 220kV Hootgalli R/S to 400kV Basthipura R/S
3) 400KV-KHAMMAM_PG-ASUPAKA & 400kV KHAMAM_PG-KALPAKA line under shutdown for execution/modification of line between the location Ex.T.No.796 to 797 (0.386 Kms).for execution of 400KV TMDC line Diversion works between the location Ex.T.No.796 to Ex.T.No.797 (0.386).For providing sufficient clearance over proposed 4 lane access controlled Greenfield Highway section of Khammam to Devarapally (NH-365BG) under TGTRANSCO supervision.
4) 400KV-TALARICHERUVU-URAVAKONDA-1 & 400KV-TALARICHERUVU-URAVAKONDA-2 lines under shutdown from 01.08.25; 08:32 hrs for Talaricheruvu-Uravakonda QMDC Line between Loc.No. 86 to 88 for proposed National Highway (NH544D) near Venkata Reddy palli (v), Tadapatri, Ananthapuram (Dt). For stringing works and errection of new 2 Nos towers i.e DA+3 and DD+3. Expected revival on 15.08.25.
5) 400kV SomanahalliMylasandra S/C line availed S/D on 0.3.08.2025/15:38Hrs for construction related works associated with the upcoming 400kV Dommasandra (New) substation, for a period of four months. Expected revival on 31.12.2025

13. Weather Condition:

Tamilnadu: Light rains reported in Hosur, Veerapuram & Thiruvalam
Andhra Pradesh: Light to moderate rains reported in Central part of the state
Karnataka: Light rains reported in Coastal area

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	
PONDICHERRY	0	0	0	0	0	0	0	
TELANGANA	0	0	0	0	0	0	0	

15.Instances of persistant/significant non-complaint with grid code

State	Frequency and Deviation				Voltage				ICT loading			
	Alert	Emergency	Extreme Emergency	Non Compliance	Alert	Emergency	Extreme Emergency	Non Compliance	Alert	Emergency	Extreme Emergency	Non Compliance
ANDHRA PRADESH	1	1	0	0	0	0	0	0	7	0	0	0
KARNATAKA	1	1	0	0	0	0	0	0	0	0	0	0
KERALA	2	0	0	0	0	0	0	0	0	0	0	0
TAMILNADU	2	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