

1. Regional Availability/Demand:

Evening Peak (20:00) MW				Off-Peak (03:00) MW				Day Energy(Net MU)	
Demand Met	Shortage(-)/Surplus(+) #	Requirement	Freq (Hz)	Demand Met	Shortage(-)/Surplus(+) #	Requirement	Freq (Hz)	Demand Met	Shortage #
49,849	0	49,849	50.08	41,625	0	41,625	49.97	1,173.8	0

\* MW Availability 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	134.49	25.74	0	6.62	11.98	2.93	49.15	48.18	-0.97	230.9	229.93	0
KARNATAKA	86	51.06	0	10.47	22.11	14.26	50.22	47.86	-2.36	234.12	231.77	0
KERALA	0	43.68	0	0.46	1.1	0.3	38.72	37.07	-1.65	84.27	82.61	0
PONDICHERRY	0	0	0.54	0	0.05	0	9.89	9.8	-0.09	10.48	10.4	0
TAMILNADU	75.11	30.62	3.55	52.56	41.1	5.69	177.92	177.18	-0.74	386.55	385.81	0
TELANGANA	108.2	45.3	0	0.19	13.5	3.78	64.08	62.3	-1.79	235.06	233.28	0
Region	403.8	196.4	4.09	70.3	89.84	26.96	389.98	382.39	-7.6	1,181.38	1,173.8	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 (MW)	Day Energy(Net MU)	
	Demand Met	Shortage(-)/Surplus(+) #	Requirement at Evening peak	Demand Met	Shortage(-)/Surplus(+) #	Requirement at Off-Peak		ForeCast (LGBR) (mus)	Deviation[Forecast(LGBR) -Consumption] (mus)
ANDHRA PRADESH	9,805	0	9,805	8,872	0	8,872	9,576	233	-3.07
KARNATAKA	9,387	0	9,387	7,040	0	7,040	9,683	242.85	-11.08
KERALA	4,076	0	4,076	2,853	0	2,853	3,332	79.27	3.34
PONDICHERRY	433	0	433	390	0	390	415	10.08	0.32
TAMILNADU	16,962	0	16,962	14,486	0	14,486	16,365	388	-2.19
TELANGANA	9,186	0	9,186	7,984	0	7,984	10,032	255	-21.72
Region	49,849	0	49,849	41,625	0	41,625	49,403	1,208.2	-34.4

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	10,666	12:23	0	10,666	10,666	12:23	0	10,666	880.98	23:00	-506.99	13:20
KAR	12,318	10:00	0	12,318	12,318	10:00	0	12,318	802.3	05:01	-461.16	10:18
KER	4,207	19:30	0	4,207	4,207	19:30	0	4,207	305.77	16:02	-192.32	19:25
PONDY	458	19:00	0	458	458	19:00	0	458	41.23	08:46	-35.85	03:06
TN	17,756	19:00	0	17,756	17,756	19:00	0	17,756	1,582.11	18:23	-726.58	12:32
TG	11,835	07:43	0	11,835	11,835	07:43	0	11,835	1,034.27	06:31	-643.87	03:00
Region	54,650	09:56:29	0	54,650	54,650	09:56:29	0	54,650	3,309.98	14:07	-2,766.09	04:26

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	1,028	1,040	1,049	09:56	582	11:34	24.12	22.9	954
KRISHNAPATTANAM ( 3 * 800 )		2,400	1,605	1,599	1,656	13:02	1,404	11:24	38.95	36.78	1,533
RAYALASEEMA TPP( 1 * 600 + 5 * 210 )		1,650	1,205	1,247	1,261	01:46	883	11:30	29.38	26.56	1,107
SEIL P2 UNIT-2( 1 * 660 )		660	629	629	629	03:57	629	09:39	15.82	14.97	624
VIJAYAWADA TPS( 1 * 800 + 1 * 500 + 6 * 210 )		2,560	1,420	1,385	1,447	20:45	1,271	10:34	36.43	33.28	1,387
OTHER THERMAL		0	0	0	0	00:00	0	-	-	-	-
Total THERMAL		8,310	5,887	5,900	-	-	-	-	144.7	134.49	5,605
HAMPI		36	0	0	20	00:00	0	-	0.48	0.48	20
LOWER SILERU( 4 * 115 )		460	377	310	384	05:07	12	09:35	4.12	4.11	171
SRISAILAM RBPH( 7 * 110 )		770	622	621	629	07:14	612	10:09	15.04	15.01	625
UPPER SILERU( 4 * 60 )		240	169	100	170	19:21	1	06:02	1.51	1.51	63
OTHER HYDEL		431	166	152	193	00:00	0	-	4.65	4.63	193
Total HYDEL		1,937	1,334	1,183	-	-	-	-	25.8	25.74	1,072
GAUTAMI CCPP( 1 * 174 + 2 * 145 )		464	0	0	0	00:00	0	06:00	0	0	0
GMR (BARG)( 1 * 237 )		237	0	0	0	00:00	0	06:00	0	0	0
JEGURUPADU (GAS)( 1 * 49.9 + 1 * 75.5 + 2 * 45.8 )		217	0	0	0	00:00	0	06:00	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	06:00	0	0	0
LANCO (GAS)( 1 * 121 + 2 * 115 )		351	0	0	0	00:00	0	06:00	0	0	0
RELIANCE ENERGY LTD. (GAS)( 1 * 140 + 1 * 80 )		220	0	0	0	00:00	0	06:00	0	0	0
SPECTRUM (GAS)( 1 * 46.8 + 1 * 68.8 + 2 * 46.1 )		208	0	0	0	00:00	0	06:00	0	0	0
VEMAGIRI POWER GENERATION LTD.(GAS)( 1 * 137 + 1 * 233 )		370	0	0	0	00:00	0	-	0	0	0

VIJESWARAM GTS(1 * 112.5 + 1 * 34 + 1 * 59.5 + 2 * 33 )	272	0	0	0	00:00	0	06:00	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	100	377	1,746	23:14	64	07:55	6.62	6.62	276
SOLAR	3,192	0	0	1,759	11:00	2	06:00	11.98	11.98	499
OTHERS	619	119	116	128	12:54	106	06:00	2.93	2.93	122
Total AP	21,178	7,440	7,576	-	-	-	-	192.03	181.76	7,574

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	886	571	961	22:01	553	13:15	17.82	16.1	671
KAKATIYA ST1&ST2( 1 * 500 + 1 * 600 )	1,100	1,027	1,014	1,063	22:03	586	15:56	21.59	20.4	850
KOTHAGUEDEM TPS( 1 * 500 + 1 * 800 + 2 * 250 )	1,800	1,394	854	1,411	20:45	825	11:05	26.09	24.39	1,016
RAMAGUNDAM-B( 1 * 62.5 )	63	0	0	0	00:00	0	06:00	0	0	0
SINGARENI TPS( 2 * 600 )	1,200	1,207	1,196	1,224	07:45	656	10:40	23.44	22.02	918
YADADRI( 2 * 800 )	1,600	1,451	899	1,558	23:58	876	13:51	26.95	25.28	1,053
Total THERMAL	6,843	5,965	4,534					115.89	108.19	4,508
NAGARJUNA SAGAR( 1 * 110 + 7 * 100.8 )	816	708	701	715	16:27	621	13:28	17.02	16.97	707
NAGARJUNA SAGAR (PUMP)( 1 * 110 + 7 * 100.8 )	816	0	0	0	00:00	0	-	0	0	0
SRISAILAM LBPH( 6 * 150 )	900	690	696	703	08:14	419	07:55	16.12	16.09	670
SRISAILAM LBPH(PUMP)( 6 * 150 )	900	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	957	493	509	510	00:00	0	06:00	12.35	12.24	510
Total HYDEL	2,673	1,891	1,906					45.49	45.3	1,887
WIND	128	0	0	8	00:00	0	-	0.19	0.19	8
SOLAR	3,811	0	0	2,088	12:17	0	06:00	13.5	13.5	563
OTHERS	252	0	0	158	00:00	0	-	3.78	3.78	158
Total TG	13,707	7,856	6,440					178.85	170.96	7,124

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	864	832	911	22:37	750	07:52	21.04	19.81	825
JINDAL( 2 * 130 + 4 * 300 )	1,460	0	0	439	20:45	0	-	24.85	22.86	95
JINDAL (EXCL. CAPTIVE CONSUMPTION)( 2 * 130 + 4 * 300 )	1,460	252	0	439	20:45	0	07:14	2.29	2.29	95
RAICHUR TPS( 1 * 250 + 7 * 210 )	1,720	1,055	1,073	1,095	05:32	919	16:09	27.7	24.98	1,041
UPCL( 2 * 600 )	1,200	1,052	509	1,125	22:32	283	15:10	16.04	14.73	614
YERAMARAS TPS( 2 * 800 )	1,600	1,081	996	1,129	23:29	933	07:14	26.07	24.2	1,008
Total THERMAL	7,680	4,304	3,410	-	-	-	-	93.14	86.01	2,725
NAGJHERI( 1 * 135 + 5 * 150 )	885	557	442	708	08:38	346	15:22	12.93	12.76	532
SHARAVATHI( 10 * 103.5 )	1,035	359	842	855	11:18	225	07:01	15.82	15.7	654
VARAHI UGPH( 4 * 115 )	460	447	294	462	08:21	46	13:22	7.23	7.12	297
OTHER HYDEL	2,137	1,289	710	1,289	00:32	604	06:00	15.49	15.49	645
Total HYDEL	4,517	2,652	2,288	-	-	-	-	51.47	51.07	2,128
OTHER GAS/NAPTHA/DIESEL	126	0	0	0	00:00	1	06:00	0	0	0
Total GAS/NAPTHA/DIESEL	126	0	0	-	-	-	-	0	0	0
WIND	5,408	703	274	926	20:56	251	09:15	10.47	10.47	436
SOLAR	6,404	0	0	3,111	13:24	0	06:00	22.11	22.11	921
OTHERS	1,832	119	115	1,516	06:20	93	14:45	14.26	14.26	1,515
Total KAR	25,967	7,778	6,087	-	-	-	-	191.45	183.92	7,725

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	624	626	641	14:55	385	16:03	14.67	14.64	610
LOWER PERIYAR ( 3 * 60 )	180	120	121	121	02:46	120	08:51	2.89	2.88	120
SABARIGIRI( 2 * 60 + 4 * 55 )	340	290	292	295	12:04	279	10:57	6.99	6.98	291
OTHER HYDEL	834	721	723	799	06:21	434	06:00	19.19	19.19	800
Total HYDEL	2,134	1,755	1,762	-	-	-	-	43.74	43.69	1,821
BRAHMAPURAM DGPP (DIESEL)( 3 * 21.32 )	64	0	0	0	00:00	6	14:10	0	0	0
BSES (NAPTHA)( 1 * 35.5 + 3 * 40.5 )	157	0	0	0	00:00	0	06:00	-	-	-
KOZHICODE DPP (DIESEL)( 6 * 16 )	96	0	0	0	00:00	0	06:00	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	11:19	0	0	0
OTHER GAS/NAPTHA/DIESEL	22	0	0	0	00:00	0	06:00	-	-	-
Total GAS/NAPTHA/DIESEL	709	0	0	-	-	-	-	0	0	0
WIND	70	0	0	19	00:00	0	-	0.46	0.46	19
SOLAR	417	0	0	46	00:00	0	-	1.1	1.1	46
OTHERS	20	0	0	13	00:00	0	-	0.3	0.3	13
Total KER	3,350	1,755	1,762	-	-	-	-	45.6	45.55	1,899

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	990	951	1,042	12:33	896	13:20	23.88	21.96	915
NCTPS STG3( Infirm - 800 MW )	0	0	0	0	00:00	0	-	0	0	0
NORTH CHENNAI TPS STG-II( 2 * 600 )	1,200	647	749	755	03:35	629	11:39	17.41	16.18	674
NORTH CHENNAI TPS( 3 * 210 )	630	296	294	307	01:03	234	15:50	8.01	7.04	293
OPG PGPL	414	0	0	239	00:00	0	-	6.34	5.75	240
SEPC( 1 * 525 )	525	495	499	508	04:02	474	06:14	12.46	11.81	492
ST - CMS( 1 * 250 )	250	0	0	0	00:00	8	06:00	0	0	0
TUTICORIN( 5 * 210 )	1,050	529	517	538	12:09	0	09:20	13.64	12.38	516
Total THERMAL	5,509	2,957	3,010					81.74	75.12	3,130
KADAMPARAI ( 4 * 100 )	400	99	99	101	12:50	3	10:25	1.74	1.73	72
KADAMPARAI (PUMP)( 4 * 100 )	400	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	1,826	1,304	1,168	1,304	14:12	166	11:00	29.15	28.88	1,203
Total HYDEL	2,226	1,403	1,267					30.89	30.61	1,275
BASIN BRIDGE (NAPTHA)( 4 * 30 )	120	0	0	0	00:00	0	12:35	0	0	0
KOVIL KALAPPAL (GAS)( 1 * 37.8 + 1 * 70 )	108	0	0	0	00:00	0	06:04	0	0	0
KUTTALAM (GAS)( 1 * 37 + 1 * 64 )	101	85	59	86	06:50	0	13:17	1.83	1.71	71
MADURAI POWER CL (DIESEL)( 1 * 106 )	106	0	0	0	00:00	0	06:00	0	0	0
P P NALLUR (NAPTHA)( 1 * 330.5 )	331	0	0	0	00:00	0	06:00	0	0	0
SAMALPATTY (DIESEL)( 7 * 15.1 )	106	0	0	0	00:00	0	06:00	0	0	0
VALATTUR(STG1&STG2)( 1 * 32 + 1 * 35 + 2 * 60 )	187	141	141	141	18:22	141	06:00	1.99	1.85	77
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	226	200					3.82	3.56	148
WIND	9,299	2,766	2,400	3,655	16:12	1,039	07:31	52.56	52.56	2,190
SOLAR	8,631	0	0	6,064	11:42	13	06:06	41.1	41.1	1,713
OTHERS	2,029	694	544	695	02:16	400	06:00	5.69	5.69	237
Total TN	29,115	8,046	7,421					215.8	208.64	8,693

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	1,003	985	1,576	06:41	880	17:59	23.67	22.07	920
NEYVELI TS I EXPN ( 2 * 210 )	420	291	265	319	23:18	256	13:07	7.03	6.43	268
NEYVELI TS II( 7 * 210 )	1,470	515	482	564	12:01	478	17:05	15.08	12.16	507
NEYVELI TS II EXPN ( 2 * 250 )	500	290	353	357	02:31	246	15:02	8.78	7.42	309
NNTPS( 2 * 500 )	1,000	464	471	476	00:57	262	11:36	10.61	8.78	366
NTPC-TELANGANA STPP(2*800)	1,600	1,456	1,390	1,456	20:00	0	-	30.85	28.75	1,198
RAMAGUNDAM( 3 * 200 + 4 * 500 )	2,600	2,334	1,495	2,429	23:44	1,267	13:26	46.82	43.73	1,822
SIMHADRI STAGE I( 2 * 500 )	1,000	892	913	929	03:57	496	15:19	19.01	17.62	734
SIMHADRI STAGE II( 2 * 500 )	1,000	726	930	935	06:09	13	14:50	19.24	17.91	746
TALCHER ST2( 4 * 500 )	2,000	1,825	1,814	1,850	17:28	1,038	13:08	44.58	42.01	1,750
Total THERMAL	13,990	9,796	9,098	-	-	-	-	225.67	206.88	8,620
KAIGA STG1( 2 * 220 )	440	196	192	201	06:13	186	13:23	5.33	4.82	201
KAIGA STG2( 2 * 220 )	440	426	424	436	00:03	417	09:52	11.39	10.46	436
KUDANKULAM( 2 * 1000 )	2,000	1,018	1,021	1,027	04:32	1,011	09:10	24.62	23.03	960
MAPS( 2 * 220 )	440	243	246	251	08:42	184	11:10	5.33	4.42	184
Total NUCLEAR	3,320	1,883	1,883	-	-	-	-	46.67	42.73	1,781
Total ISGS	17,310	11,679	10,981					272.34	249.61	10,401

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	926	591	947	00:25	504	10:56	17.38	16.38	683
VALLUR TPS( 3 * 500 )	1,500	1,283	844	1,390	19:13	730	13:21	25.55	23.59	983
Total THERMAL	2,500	2,209	1,435	-	-	-	-	42.93	39.97	1,666
Total JOINT_VENTURE	2,500	2,209	1,435					42.93	39.97	1,666

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	300	298	338	08:50	254	08:38	7.88	7.18	299
IL&FS( 2 * 600 )	1,200	557	543	563	20:50	303	11:10	14.08	13.13	547
JINDAL POWER LIMITED (SIMHAPURI UNIT)( 4 * 150 )	600	542	300	545	21:24	192	09:50	9.49	8.46	353
MEENAKSHI ENERGY LTD STAGE1( 2 * 150 )	300	150	85	152	00:14	54	09:45	1.87	1.65	69
MEENAKSHI ENERGY LTD STAGE2( 1 * 350 )	350	0	0	224	00:00	0	-	6.03	5.37	224
SEIL P1( 2 * 660 )	1,320	18	605	617	00:09	25	07:55	2.53	1.98	83
SEIL P2 UNIT-1( 1 * 660 )	660	625	628	632	04:43	414	15:25	14.08	13.37	557
Total THERMAL	5,630	2,192	2,459	-	-	-	-	55.96	51.14	2,132
LKPPL ST2( 1 * 133 + 1 * 233 )	366	178	154	342	19:22	91	17:52	4.64	4.47	186
LKPPL ST3( 2 * 133 + 2 * 233 )	732	0	0	0	00:00	0	-	0	0	0
Total GAS/NAPTHA/DIESEL	1,098	178	154	-	-	-	-	4.64	4.47	186
Total REGIONAL_IPP	6,728	2,370	2,613					60.6	55.61	2,318

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	8	0	58	18:33	1	14:56	0.19	0.19	8
GADAG_RSPL_W	175	13	0	14	20:00	128	17:49	0.33	0.33	14
GADAG_VENA_W	133	9	0	17	20:00	0	-	0.41	0.41	17
GREEN INFRA( 1 * 249.90 )	250	33	85	127	16:12	0	08:11	1.17	1.17	49
HIRIYUR_OSTRO( 1 *300.3)	300	0	0	75	00:00	0	15:40	1.81	1.81	75
HIRIYUR_ZREPL_W	66	3	10	138	20:00	0	-	3.3	3.3	138
JSW RENEW ENERGY TWO LTD	300	14	0	162	16:18	0	10:09	0.55	0.55	23
KARUR_JSWRENEW_W	162	76	0	76	20:00	0	-	1.23	1.23	51
KARUR_JSWRETWO_W	150	74	56	74	20:00	0	-	1.42	1.42	59
KOPPAL_AYANASIX_W	300	34	0	34	20:00	0	-	0.61	0.61	25
KOPPAL_RENEWOJAS_W	308	0	0	255	18:19	3	11:27	1.03	1.03	43
KOPPAL_RENEWROSHNI_W	291	12	0	213	17:57	2	15:47	0.38	0.38	16
KURNOOL_AMGREEN_W	301	0	0	11	00:00	0	06:00	0.27	0.27	11
MYTRA( 1 * 250 )	250	9	12	99	01:24	0	07:05	0.35	0.35	15
ORANGE( 1 * 200 )	200	21	66	104	02:21	1	09:36	0.91	0.91	38
PGLR_SAUPL_W	53	0	23	32	03:00	0	-	0.77	0.77	32
PGLR_SREPL( 1 * 300 )	300	141	162	188	19:13	0	12:16	2.28	2.28	95
TUTICORINJSWRENEWW( 1 * 51.3 )	540	64	72	64	20:00	0	-	1.17	1.17	49
VIVID SOLAIRE (BEETAM)( 1 * 220 )	220	43	72	145	01:35	1	10:56	1.22	1.22	51
Total RENEWABLE_WIND	4,354	554	558					19.4	19.4	809

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	251	12:34	1	06:21	1.25	1.25	104
ANP_ATHENA BIWADI( 1 * 50 )	50	0	0	52	11:59	0	06:00	0.23	0.23	19
ANP_ATHENA HISAR( 1 * 50 )	50	0	0	51	11:50	0	06:13	0.23	0.23	19
ANP_ATHENA KARNAL( 1 * 50 )	50	0	0	51	11:52	0	06:00	0.24	0.24	20
ANP_AYANA( 1 * 250 )	250	0	0	263	13:48	1	06:00	1.17	1.17	98
ANP_AZURE( 1 * 50 )	50	0	0	42	12:40	0	06:33	0.18	0.18	15
ANP_IGS1( 1 * 50 )	50	0	0	52	11:59	0	06:23	0.24	0.24	20
ANP_IGS2( 1 * 50 )	50	0	0	45	12:41	0	12:05	0.19	0.19	16
ANP_NTPC( 5 * 50 )	250	0	0	165	11:57	1	06:19	0.66	0.66	55
ANP_TATA( 2 * 50 )	100	0	0	95	11:51	0	06:03	0.4	0.4	33
SPRING ANG ITRA( 1 * 250 )	250	0	0	226	12:36	0	06:32	1.05	1.05	88
PAVAGADA										
PVG_ADYAH( 6 * 50 )	300	0	0	64	00:00	0	12:38	1.54	1.54	128
PVG_AMPLUS PAVAGADA( 1 * 50 )	50	0	0	51	11:43	1	06:00	0.24	0.24	20
PVG_AMPLUS TUMKUR( 1 * 50 )	50	0	0	46	11:46	1	06:00	0.23	0.23	19
PVG_AVAADA SOLAR( 3 * 50 )	150	0	0	140	12:08	1	06:00	0.73	0.73	61
PVG_AVAADA SOLARISE( 3 * 50 )	150	0	0	117	11:58	1	06:00	0.65	0.65	54
PVG_AZURE POWER EARTH ( 2 * 50 )	100	0	0	74	11:22	1	06:00	0.4	0.4	33
PVG_FORTUM FIN SURYA( 2 * 50 )	100	0	0	59	11:24	1	06:00	0.29	0.29	24
PVG_IRCON_S	225	0	0	62	00:00	0	-	1.49	1.49	124
PVG_KREDL( 1 * 50 )	50	0	0	41	11:36	1	06:00	0.24	0.24	20
PVG_PARAMPUJYA( 3 * 50 )	150	0	0	109	11:51	1	06:00	0.56	0.56	47
PVG_RENEW TN2( 1 * 50 )	50	0	0	38	11:49	1	06:00	0.2	0.2	17
PVG_SBG ENERGY( 4 * 50 )	200	0	0	172	11:24	1	06:01	0.89	0.89	74
PVG_SPRING SOLAR INDIA( 5 * 50 )	250	0	0	206	11:17	1	06:00	1.18	1.18	98
PVG_TATA RENEWABLES( 8 * 50 )	400	0	0	286	11:17	1	06:00	1.66	1.66	138
PVG_YARROW( 1 * 50 )	50	0	0	33	11:15	1	06:00	0.22	0.22	18
OTHER										
GADAG_VENA_S	31	0	0	6	00:00	0	-	0.15	0.15	13
GRT( 1 * 150 )	150	0	0	148	11:46	0	06:01	0.87	0.87	73
KOPPAL_KLEIO_S	105	0	0	15	00:00	0	-	0.36	0.36	30
KOPPAL_RENEWOJAS_S	81	0	0	13	00:00	0	06:00	0.31	0.31	26
KOPPAL_SRIIPL_S	179	0	0	28	00:00	0	-	0.66	0.66	55
KURNOOL_AMGREEN_S	550	0	0	62	00:00	0	-	1.48	1.48	123
NTPC ETTAYAPURAM SOLAR PLANT	230	0	0	249	12:24	1	06:00	1.38	1.38	115
RAMANGUNDAM (SOLAR)( 1 * 100 )	100	0	0	99	12:38	0	06:00	0.54	0.54	45
SIMHADRI (SOLAR)( 1 * 25 )	25	0	0	8	00:00	0	15:40	0.19	0.19	16
Total	5,126	0	0					22.3	22.3	1,858

Total ISGS IPP Thermal	22,120	14,197	12,992					324.56	297.99	
STATE THERMAL	28,342	19,113	16,854					435.47	403.81	
Total CPP Import										
Total ISGS & IPP Hydro										
HYDEL	13,487	9,035	8,406	-	-	-	-	197.64	196.41	
GAS/NAPTHA/DIESEL	6,826	404	354	-	-	-	-	9.04	8.57	
NUCLEAR	3,320	1,882	1,882	-	-	-	-	46.66	42.73	
WIND	23,343	4,123	3,608	-	-	-	-	89.7	89.7	
SOLAR	27,683	0	0	-	-	-	-	112.14	112.14	
OTHERS	4,752	932	775	-	-	-	-	26.96	26.96	

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	112	112	117	-	2.72	0	2.72
3	765KV-SRIKAKULAM-ANGUL	1,023	666	2,163	-	27.32	0	27.32
4	HVDC500KV-TALCHER-KOLAR_DC	1,674	1,481	1,970	-	41.9	0	41.9
Sub-Total EAST REGION		2,809	2,259	4,250	0	71.94	0	71.94
Import/Export between SOUTH REGION and WEST REGION								
1	220KV-AMBEWADI-PONDA	0	0	-	-	0	0	0
2	220KV-AMBEWADI-XELDEM	106	57	-	114	0	2.14	-2.14
3	220KV-CHIKKODI-MUDASANGI	0	0	0	-	-	-	-
4	220KV-CHIKKODI-TALANGADE	-	-	-	-	-	-	-
5	220KV-LOWER_SILERU-BARSUR	-	-	-	-	-	-	-
6	400KV-BHADRAVTAHI-RAMAGUNDAM	299	395	1,028	-	13.63	0	13.63
7	400KV-KUDGI_PG-KHOLAPUR_PG	1,248	1,359	-	1,884	0	32.78	-32.78
8	765KV-NIZAMABAD-WARDHA	215	540	1,676	-	2.12	0	2.12
9	765KV-RAICHUR_PG-SHOLAPUR	1,286	1,926	-	2,860	0	30.52	-30.52
10	765KV-WARANGAL(NEW)-WARORA	13	475	1,694	-	4.37	0	4.37

11	HVDC800KV-RAIGARH HVDC-PUGALUR HVDC	277	279	-	548	28.79	0	28.79
Sub-Total WEST REGION		3,444	5,031	4,398	5,406	48.91	65.44	-16.53
TOTAL IR EXCHANGE		6,253	7,290	8,648	5,406	120.85	65.44	55.41

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	43.63	-7.57	0	0.15	0	0.92	-5.84	29.925	35.765
SR-WR	37.51	-13.38	1.76	-9.31	0	3.53	17.5	-16.545	-34.045
Total	81.14	-20.95	1.76	-9.16	0	4.45	11.66	13.38	1.72

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	4.919	79.931	57.94	15.15

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

Maximum		Minimum		Average Frequency	Freq Variation Index	Standard Deviation	Freq. in 15 mnt blk	
Frequency	Time	Frequency	Time				Max.	Min.
50.164	10:57:10	49.768	08:37:20	50.004	0.029	0.054	50.12	49.83

6.Voltage Profile: 400kV

	Maximum		Minimum		Voltage (in %)			
STATION	VOLTAGE	TIME	VOLTAGE	TIME	< 380	< 390	> 420	> 430
GHANAPUR - 400KV	422	01:58	405	07:15	0	0	15.278	0
GOOTY - 400KV	422	02:00	402	11:18	0	0	10.556	0
HIRIYUR - 400KV	424	01:58	397	11:19	0	0	16.944	0
KAIGA - 400KV	423	01:58	392	10:43	0	0	3.472	0
KOLAR_AC - 400KV	428	01:57	394	11:15	0	0	21.806	0
KUDANKULAM - 400KV	415	01:32	400	11:19	0	0	0	0
SHANKARAPALLY - 400KV	412	01:51	405	09:23	0	0	0	0
SOMANAHALLI - 400KV	421	01:58	393	11:19	0	0	2.847	0
SRIPERUMBADUR - 400KV	412	03:25	396	11:16	0	0	0	0
TRICHY - 400KV	416	01:15	397	11:19	0	0	0	0
TRIVANDRUM - 400KV	418	02:00	395	11:39	0	0	0	0
VIJAYAWADA - 400KV	422	02:44	385	09:35	0	.417	.069	0

6.1 Voltage Profile: 220kV

	Maximum		Minimum		Voltage (in %)			
STATION	VOLTAGE	TIME	VOLTAGE	TIME	< 198	< 210	> 235	> 245
GHANAPUR - 220KV	236	02:07	224	07:24	0	0	3.889	0
GOOTY - 220KV	229	02:07	219	11:51	0	0	0	0
HIRIYUR - 220KV	231	01:58	216	11:19	0	0	0	0
KAIGA - 220KV	239	02:03	221	10:51	0	0	21.875	0
KOLAR_AC - 220KV	234	02:07	215	11:19	0	0	0	0
SOMANAHALLI - 220KV	223	23:47	209	00:00	0	55.208	0	0
SRIPERUMBADUR - 220KV	230	03:20	230	03:20	0	0	0	0
TRICHY - 220KV	230	03:20	221	08:28	0	0	0	0
TRIVANDRUM - 220KV	231	04:00	216	11:48	0	0	0	0
VIJAYAWADA - 220KV	230	03:42	224	11:50	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	03:55	763	07:24	0	0	46.81	0
NIZAMABAD - 765KV	796	13:08	771	07:15	0	0	90	0
RAICHUR_PG - 765KV	792	04:16	765	07:20	0	0	58.4	0
SRIKAKULAM - 765KV	792	02:07	767	07:20	0	0	76.32	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	1,209	10.39	11.16	94.33	79.57
IDUKKI	694.94	732.43	2,148	724.56	1,555	721.66	1,352	10.9	12.61	116.29	92.19
JALAPUT	818.39	838.4	534	835.29	404	834.97	391	7.51	1.94	22.19	15.99
N.SAGAR	155.45	179.9	1,398	179.44	971	178.43	918	31.3	16.88	335.71	118.6
SRISAILAM	243.84	270.7	1,392	267.95	850	269.02	952	38.79	30.56	327.6	223.58
SUPA	495	564	3,159	551.62	2,110	558.3	2,650	6.38	13.96	61.19	95.14
LINGANAMAKKI	522.73	554.5	4,557	552.25	3,866	553.62	4,292	20.25	17.22	152.79	114.1
KAKKI	908.3	981.45	916	975.7	595	966.68	472	0	6.75	46.8	48.07
TOTAL	-	-	15,608	-	11,808	-	12,236	125.52	111.71	1,156.9	808.86

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	-188.69	-12.5	-33.08	0	190.28	0	0	0	0	0	0	0	0
KARNATAKA	-614.74	-106.24	-16.49	0	-17.82	0	0	0	0	0	0	0	0
KERALA	-113.38	0	-131	0	47.19	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	0	0	-23	0	0	0	0	0	0	0	0
TAMILNADU	536.59	0	29.14	0	-18.74	0	0	0	0	0	0	0	0
TELANGANA	-37.63	0	-23.5	0	-2,053.3	0	0	0	0	0	0	0	0
TOTAL	-417.85	-118.74	-174.93	0	-1,875.39	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	-198.41	-12.4	-81.14	0	845.84	0	13.71	0	52.03	0	0	0	287.94
KARNATAKA	-814.74	-111.65	-45.12	0	-225.87	0	0	0	0	0	0	0	0
KERALA	-113.38	0	27.45	0	236.45	0	0	0	0	0	0	0	0
PONDICHER ..	0	0.06	0.63	0	-7	0	0	0	0	0	0	0	0
TAMILNADU	2,024.94	0.11	-34.14	0	543.5	0	0	0	0	0	0	0	0
TELANGANA	-135.35	0	-1,219.5	0	-205.3	0	0	0	0	0	0	0	0
TOTAL	763.06	-123.88	-1,351.82	0	1,187.62	0	13.71	0	52.03	0	0	0	287.94

State	Day Energy (MU)						
	ISGS+GNA Schedule	T-GNA Bilateral	GDAM Schedule	DAM Schedule	HPDAM Schedule	RTM Schedule	Total (MU)
ANDHRA PRADESH	41.34	-4.19	0.41	3.11	0	8.48	49.15
KARNATAKA	67.04	-13.65	-2.21	2.05	0	-3.01	50.22
KERALA	40.06	-2.25	0.44	-0.04	0	0.51	38.72
PONDICHERY	10.06	0.11	0	0.01	0	-0.29	9.89
TAMILNADU	154.03	20.99	1.87	-8.54	0	9.57	177.92
TELANGANA	76.93	-0.43	1.13	-1.99	0	-11.56	64.08
TOTAL	389.46	0.58	1.64	-5.4	0	3.7	389.98

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	2,173.66	1,196.32	-130.25	-210.78	100.41	-12.6	0	0	0	0	802.52	-86.65	18	0
KARNATAKA	4,023.3	1,448.33	-292.4	-814.76	-53.79	-111.96	0	0	0	0	1150.87	-235.5	0	0
KERALA	2,194.43	1,297.64	-63.62	-113.38	59.12	0	0	0	0	0	135.76	-161	0	0
PONDICHERY	489.42	370.35	13.92	0	0.74	0	0	0	0	0	8.24	0	0	0
TAMILNADU	7,048.1	5,439.45	2,530.48	-25	213.08	0	0	0	0	0	289.73	-1450.15	0	0
TELANGANA	4,410.36	2,595.16	107.3	-135.35	185.9	-0.2	0	0	0	0	1859.63	-2369.5	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	1,109.36	-104.35	287.94	0	479.9	0
KARNATAKA	0	0	0	0	0	0	0	0	215.64	-998.64	0	-300	0	-300
KERALA	0	0	0	0	0	0	0	0	362.89	-281.8	0	0	0	0
PONDICHER ..	0	0	0	0	0	0	0	0	0	-55	0	0	0	0
TAMILNADU	0	0	0	0	0	0	0	0	1,766.83	-221.78	95.98	0	0	0
TELANGANA	0	0	0	0	0	0	0	0	428.81	-2,353.3	0	0	0	0

9. Synchronisation of new generating units :

SL.NO	Station Name	Owner	Inst. Capacity ( MW)	Date	Time
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10. Synchronisation of new 220 / 400 / 765 KV Transmission elements and energising of bus /substation :

11.Significant events (If any):

NIL
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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) 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.
3) 400KV-TALARICHERUVU-URAVAKONDA-D/C 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.
4) 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:

Andhra Pradesh: Light to moderate rains reported in Nellore,Kurnool and cuddapah areas.
Karnataka: Light rains reported in Coastal part of the state.
Tamilnadu: Moderate rains reported in Coimbathur,Tirupur,Erode,Krishnagiri,Salem and Hosur area.

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	1	0	0	7	0	0	0	0	0	0	0
KARNATAKA	0	2	0	0	10	3	0	0	0	2	0	0
KERALA	0	0	0	0	1	0	0	0	0	0	0	0
TAMILNADU	1	3	0	0	8	1	0	0	0	0	0	0
PONDICHERRY	0	0	0	0	0	0	0	0	0	0	0	0
TELANGANA	0	0	0	0	20	2	0	0	0	0	0	0

REMARKS:

Shift In Charge