

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 #
48,185	0	48,185	50.04	39,367	0	39,367	50.03	1,116.55	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	106.7	23.69	0	33.48	8.98	3.57	34.74	33.1	-1.64	211.16	209.52	0
KARNATAKA	73.38	49.38	5.34	32.38	19.69	11.96	45.22	43.7	-1.52	237.35	235.82	0
KERALA	0	26.66	0	0.65	1.07	0.28	57.75	58.2	0.45	86.41	86.86	0
PONDICHERRY	0	0	0.59	0	0.06	0	9.55	9.48	-0.07	10.2	10.13	0
TAMILNADU	63.6	18.17	3.24	91.18	45.4	5.49	128.98	127.66	-1.32	356.07	354.75	0
TELANGANA	103.15	42.42	0	0.8	11.64	4.86	56.61	56.61	0	219.47	219.47	0
Region	346.83	160.32	9.17	158.49	86.84	26.16	332.85	328.75	-4.1	1,120.66	1,116.55	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	9,071	0	9,071	8,393	0	8,393	8,741	203	6.52
KARNATAKA	9,721	0	9,721	6,967	0	6,967	9,793	232.42	3.4
KERALA	4,262	0	4,262	3,141	0	3,141	3,511	87.09	-0.23
PONDICHERRY	453	0	453	361	0	361	402	10.5	-0.37
TAMILNADU	16,040	0	16,040	12,808	0	12,808	15,009	368	-13.25
TELANGANA	8,638	0	8,638	7,697	0	7,697	9,392	221	-1.53
Region	48,185	0	48,185	39,367	0	39,367	46,848	1,122.01	-5.46

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	9,543	12:21	0	9,543	9,543	12:21	0	9,543	831.27	20:02	-806.66	13:15
KAR	12,532	10:00	0	12,532	12,532	10:00	0	12,532	642.66	06:05	-444.05	12:48
KER	4,395	19:00	0	4,395	4,395	19:00	0	4,395	336.43	19:31	-361.54	08:18
PONDY	469	22:15	0	469	469	22:15	0	469	56.55	16:55	-52.77	18:57
TN	17,300	19:00	0	17,300	17,300	19:00	0	17,300	1,092.87	17:38	-1,111.16	17:00
TG	11,177	08:20	0	11,177	11,177	08:20	0	11,177	686.51	10:09	-597.53	18:30
Region	51,623	09:46:59	0	51,623	51,623	09:46:59	0	51,623	1,956.66	06:03	-2,966.02	13:24

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	902	744	962	23:33	568	08:35	15.78	14.72	613	
KRISHNAPATTANAM ( 3 * 800 )	2,400	1,473	1,366	1,498	20:07	1,160	06:10	32.63	30.19	1,258	
RAYALASEEMA TPP( 1 * 600 + 5 * 210 )	1,650	1,139	920	1,293	19:12	868	13:51	24.89	22.32	930	
SEIL P2 UNIT-2( 1 * 660 )	660	627	623	635	14:42	337	12:22	12.79	12.08	503	
VIJAYAWADA TPS( 1 * 800 + 1 * 500 + 6 * 210 )	2,560	1,364	1,043	1,408	20:06	899	14:53	30.84	27.39	1,141	
OTHER THERMAL	0	0	0	0	00:00	0	-	-	-	-	
Total THERMAL	8,310	5,505	4,696	-	-	-	-	116.93	106.7	4,445	
HAMPI	36	0	0	20	00:00	0	-	0.48	0.48	20	
LOWER SILERU( 4 * 115 )	460	13	13	144	04:56	13	07:38	3.48	3.46	144	
SRISAILAM RBPH( 7 * 110 )	770	627	628	632	14:18	620	17:57	15.13	15.09	629	
UPPER SILERU( 4 * 60 )	240	46	0	161	12:09	1	06:18	0.94	0.94	39	
OTHER HYDEL	431	237	226	237	00:00	0	-	3.72	3.71	155	
Total HYDEL	1,937	923	867	-	-	-	-	23.75	23.68	987	
GAUTAMI CCPP( 1 * 174 + 2 * 145 )	464	0	0	0	00:00	0	07:38	0	0	0	
GMR (BARG)( 1 * 237 )	237	0	0	0	00:00	0	07:38	0	0	0	
JEGURUPADU (GAS)(1 * 49.9 + 1 * 75.5 + 2 * 45.8 )	217	0	0	0	00:00	0	07:38	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	07:38	0	0	0	
LANCO (GAS)( 1 * 121 + 2 * 115 )	351	0	0	0	00:00	0	07:38	0	0	0	
RELIANCE ENERGY LTD. (GAS)(1 * 140 + 1 * 80 )	220	0	0	0	00:00	0	07:38	0	0	0	
SPECTRUM (GAS)( 1 * 46.8 + 1 * 68.8 + 2 * 46.1 )	208	0	0	0	00:00	0	07:38	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	07:38	0	0	0
OTHER GAS/NAPTHA/DIESEL	27	0	0	0	00:00	0	-	-	-	-
Total GAS/NAPTHA/DIESEL	3,036	0	0	-	-	-	-	0	0	0
WIND	4,084	1,607	1,283	1,950	15:45	1,126	17:57	33.48	33.48	1,395
SOLAR	3,356	0	0	1,781	11:12	2	06:01	8.98	8.98	374
OTHERS	619	102	89	149	04:56	81	07:20	3.57	3.57	149
Total AP	21,342	8,137	6,935	-	-	-	-	186.71	176.41	7,350

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	575	569	801	06:43	552	13:35	16.29	14.58	608
KAKATIYA ST1&ST2( 1 * 500 + 1 * 600 )	1,100	1,051	677	1,063	08:14	570	10:31	22.43	21.23	885
KOTHAGUEDEM TPS( 1 * 500 + 1 * 800 + 2 * 250 )	1,800	1,448	1,005	1,527	19:19	969	13:33	29	27.05	1,127
RAMAGUNDAM-B( 1 * 62.5 )	63	0	0	0	00:00	0	10:59	0	0	0
SINGARENI TPS( 2 * 600 )	1,200	1,113	657	1,176	23:58	673	13:06	21.35	20.01	834
YADADRI( 2 * 800 )	1,600	985	899	1,244	07:37	825	09:35	21.92	20.28	845
Total THERMAL	6,843	5,172	3,807					110.99	103.15	4,299
NAGARJUNA SAGAR( 1 * 110 + 7 * 100.8 )	816	811	805	827	14:16	719	11:00	19.64	19.57	815
NAGARJUNA SAGAR (PUMP)( 1 * 110 + 7 * 100.8 )	816	0	0	0	00:00	0	-	0	0	0
SRISAILAM LBPH( 6 * 150 )	900	695	700	703	16:55	684	13:39	16.75	16.72	697
SRISAILAM LBPH(PUMP)( 6 * 150 )	900	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	957	242	260	260	00:00	0	10:59	6.2	6.12	255
Total HYDEL	2,673	1,748	1,765					42.59	42.41	1,767
WIND	128	0	0	33	00:00	0	-	0.8	0.8	33
SOLAR	3,818	0	0	1,580	12:18	7	06:12	11.64	11.64	485
OTHERS	252	0	0	202	00:00	0	-	4.86	4.86	203
Total TG	13,714	6,920	5,572					170.88	162.86	6,787

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	704	543	866	05:15	523	08:57	17.84	16.68	695
JINDAL( 2 * 130 + 4 * 300 )	1,460	0	0	180	23:58	0	-	18.75	17.25	22
JINDAL (EXCL. CAPTIVE CONSUMPTION)( 2 * 130 + 4 * 300 )	1,460	84	84	180	23:58	0	06:28	0.53	0.53	22
RAICHUR TPS( 1 * 250 + 7 * 210 )	1,720	1,051	887	1,131	00:04	880	14:33	26.15	23.52	980
UPCL( 2 * 600 )	1,200	560	305	569	20:35	282	16:11	10.14	9.44	393
YERAMARAS TPS( 2 * 800 )	1,600	1,241	834	1,259	21:47	812	11:29	24.93	23.2	967
Total THERMAL	7,680	3,640	2,653	-	-	-	-	79.59	73.37	2,360
NAGJHERI( 1 * 135 + 5 * 150 )	885	442	448	728	00:12	304	13:38	12.16	12.04	502
SHARAVATHI( 10 * 103.5 )	1,035	882	641	891	19:39	250	06:00	16.08	15.98	666
VARAHI UGPH( 4 * 115 )	460	407	57	452	10:14	45	08:24	2.8	2.75	115
OTHER HYDEL	2,137	1,343	912	1,343	00:00	618	06:30	18.62	18.62	776
Total HYDEL	4,517	3,074	2,058	-	-	-	-	49.66	49.39	2,059
OTHER GAS/NAPTHA/DIESEL	126	0	0	223	00:00	1	07:38	5.34	5.34	223
Total GAS/NAPTHA/DIESEL	126	0	0	-	-	-	-	5.34	5.34	223
WIND	5,440	1,265	1,199	1,652	11:27	1,080	07:31	32.38	32.38	1,349
SOLAR	6,571	0	0	2,720	11:41	2	06:00	19.69	19.69	820
OTHERS	1,832	71	76	1,319	15:57	38	14:06	11.96	11.96	1,319
Total KAR	26,166	8,050	5,986	-	-	-	-	198.62	192.13	8,130

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	115	471	516	00:03	53	13:34	7.76	7.73	322
LOWER PERIYAR ( 3 * 60 )	180	143	94	164	20:16	0	07:51	1.72	1.71	71
SABARIGIRI( 2 * 60 + 4 * 55 )	340	224	172	230	14:15	77	11:37	4.7	4.69	195
OTHER HYDEL	834	499	478	522	04:56	237	06:41	12.53	12.53	522
Total HYDEL	2,134	981	1,215	-	-	-	-	26.71	26.66	1,110
BRAHMAPURAM DGPP (DIESEL)( 3 * 21.32 )	64	0	0	0	00:00	0	08:32	0	0	0
BSES (NAPTHA)( 1 * 35.5 + 3 * 40.5 )	157	0	0	0	00:00	0	10:59	-	-	-
KOZHICODE DPP (DIESEL)( 6 * 16 )	96	0	0	0	00:00	0	07:38	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	08:34	0	0	0
OTHER GAS/NAPTHA/DIESEL	22	0	0	0	00:00	0	10:59	-	-	-
Total GAS/NAPTHA/DIESEL	709	0	0	-	-	-	-	0	0	0
WIND	70	0	0	27	00:00	0	-	0.65	0.65	27
SOLAR	1,988	0	0	45	00:00	0	-	1.07	1.07	45
OTHERS	20	0	0	12	00:00	0	-	0.28	0.28	12
Total KER	4,921	981	1,215	-	-	-	-	28.71	28.66	1,194

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	1,136	998	1,182	22:53	871	14:01	25.37	23.07	961
NCTPS STG3( Infirm - 800 MW )	0	0	0	0	00:00	0	-	0	0	0
NORTH CHENNAI TPS STG-II( 2 * 600 )	1,200	689	605	752	18:02	583	11:27	17.28	15.91	663
NORTH CHENNAI TPS( 3 * 210 )	630	114	91	202	12:24	63	08:47	3.19	2.53	105
OPG PGPL	414	0	0	228	00:00	0	-	6.04	5.46	228
SEPC( 1 * 525 )	525	261	263	506	06:39	238	10:26	9.39	8.86	369
ST - CMS( 1 * 250 )	250	249	168	250	08:58	166	12:05	4.95	4.55	190
TUTICORIN( 5 * 210 )	1,050	177	250	280	06:47	112	16:16	3.74	3.22	134
Total THERMAL	5,509	2,626	2,375					69.96	63.6	2,650
KADAMPARAI ( 4 * 100 )	400	0	0	100	17:11	2	07:02	0.17	0.16	7
KADAMPARAI (PUMP)( 4 * 100 )	400	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	1,826	760	702	760	00:04	170	07:06	18.17	18	750
Total HYDEL	2,226	760	702					18.34	18.16	757
BASIN BRIDGE (NAPTHA)( 4 * 30 )	120	0	0	0	00:00	0	07:02	0	0	0
KOVIL KALAPPAL (GAS)( 1 * 37.8 + 1 * 70 )	108	0	0	0	00:00	0	12:34	0	0	0
KUTTALAM (GAS)( 1 * 37 + 1 * 64 )	101	65	76	76	00:33	61	14:31	1.56	1.45	60
MADURAI POWER CL (DIESEL)( 1 * 106 )	106	0	0	0	00:00	0	07:38	0	0	0
P P NALLUR (NAPTHA)( 1 * 330.5 )	331	0	0	0	00:00	0	07:38	0	0	0
SAMALPATTY (DIESEL)( 7 * 15.1 )	106	0	0	0	00:00	0	07:38	0	0	0
VALATTUR(STG1&STG2)( 1 * 32 + 1 * 35 + 2 * 60 )	187	33	41	75	10:48	36	17:16	1.92	1.79	75
OTHER GAS/NAPTHA/DIESEL	196	0	0	0	00:00	0	-	0	0	0
OTHER GAS/NAPTHA/DIESEL	166	0	0	0	00:00	0	06:00	0	0	0
Total GAS/NAPTHA/DIESEL	1,421	98	117					3.48	3.24	135
WIND	9,392	3,731	3,268	5,334	13:15	2,713	06:00	91.18	91.18	3,799
SOLAR	9,555	0	0	6,353	10:58	9	06:06	45.4	45.4	1,892
OTHERS	2,029	469	559	559	04:31	400	07:02	5.49	5.49	229
Total TN	30,132	7,684	7,021					233.85	227.07	9,462

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	1,392	1,355	2,236	19:11	1,329	08:07	33.17	30.65	1,277
NEYVELI TS I EXPN ( 2 * 210 )	420	140	145	158	00:03	135	08:53	3.43	3.23	135
NEYVELI TS II( 7 * 210 )	1,470	588	589	723	23:20	539	08:33	17.61	14.05	585
NEYVELI TS II EXPN ( 2 * 250 )	500	341	285	351	06:23	0	17:37	8.55	7.25	302
NNTPS( 2 * 500 )	1,000	830	927	950	06:47	553	09:22	19.74	17.5	729
NTPC-TELANGANA STPP(2*800)	1,600	444	433	525	20:00	0	-	14.02	12.61	525
RAMAGUNDAM( 3 * 200 + 4 * 500 )	2,600	1,406	787	1,459	20:24	795	06:00	25.59	23.36	973
SIMHADRI STAGE I( 2 * 500 )	1,000	904	496	919	23:24	488	15:32	16.48	15.08	628
SIMHADRI STAGE II( 2 * 500 )	1,000	905	522	946	20:46	7	17:38	16.93	16.01	667
TALCHER ST2( 4 * 500 )	2,000	1,337	1,336	1,379	00:28	434	17:37	30.83	28.74	1,198
Total THERMAL	13,990	8,287	6,875	-	-	-	-	186.35	168.48	7,019
KAIGA STG1( 2 * 220 )	440	190	196	199	21:55	185	09:39	5.29	4.77	199
KAIGA STG2( 2 * 220 )	440	427	424	436	12:56	418	12:51	11.39	10.46	436
KUDANKULAM( 2 * 1000 )	2,000	1,018	1,021	1,027	01:05	972	10:11	24.57	23.04	960
MAPS( 2 * 220 )	440	0	0	0	00:00	25	14:55	0	0	0
Total NUCLEAR	3,320	1,635	1,641	-	-	-	-	41.25	38.27	1,595
Total ISGS	17,310	9,922	8,516					227.6	206.75	8,614

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	804	513	927	19:35	487	08:52	14.66	13.75	573
VALLUR TPS( 3 * 500 )	1,500	1,358	789	1,423	19:51	0	14:17	24.11	22.22	926
Total THERMAL	2,500	2,162	1,302	-	-	-	-	38.77	35.97	1,499
Total JOINT_VENTURE	2,500	2,162	1,302					38.77	35.97	1,499

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	726	683	800	05:31	505	09:59	16.7	15.43	643
IL&FS( 2 * 600 )	1,200	560	542	563	18:45	292	09:56	12.24	11.37	474
JINDAL POWER LIMITED (SIMHAPURI UNIT)( 4 * 150 )	600	500	301	548	18:39	201	10:23	8.27	7.35	306
MEENAKSHI ENERGY LTD STAGE1( 2 * 150 )	300	0	0	0	00:00	57	09:36	0	0	0
MEENAKSHI ENERGY LTD STAGE2( 2 * 350 )	700	0	0	282	00:00	0	-	7.43	6.78	283
SEIL P1( 2 * 660 )	1,320	1,236	1,092	1,251	22:37	508	09:23	23.66	22.24	927
SEIL P2 UNIT-1( 1 * 660 )	660	626	608	630	20:26	324	15:17	13.38	12.64	527
Total THERMAL	5,980	3,648	3,226	-	-	-	-	81.68	75.81	3,160
LKPPL ST2( 1 * 133 + 1 * 233 )	366	0	0	0	00:00	4	15:16	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	3,648	3,226					81.68	75.81	3,160

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	47	61	81	13:00	45	10:58	1.33	1.33	55
GADAG_RSPL_W	175	54	101	93	20:00	203	11:36	2.23	2.23	93
GADAG_VENA_W	133	65	91	76	20:00	0	-	1.83	1.83	76
GREEN INFRA( 1 * 249.90 )	250	242	164	244	19:56	113	08:06	4.59	4.59	191
HIRIYUR_OSTRO( 1 *300.3)	300	0	0	176	00:00	0	08:04	4.23	4.23	176
HIRIYUR_ZREPL_W	66	24	26	35	20:00	0	-	0.85	0.85	35
JSW RENEW ENERGY TWO LTD	300	274	235	275	15:08	173	07:15	5.9	5.9	246
KARUR_JSWRENEW_W	162	108	103	123	20:00	0	-	2.95	2.95	123
KARUR_JSWRETWO_W	150	84	83	84	20:00	0	-	2	2	83
KOPPAL_AYANASIX_W	300	20	88	67	20:00	0	-	1.61	1.61	67
KOPPAL_KLEIO_W	101	0	0	25	00:00	0	-	0.61	0.61	25
KOPPAL_RENEWOJAS_W	319	0	101	299	12:16	0	14:19	1.95	1.95	81
KOPPAL_RENEWROSHNI_W	291	7	65	183	11:00	7	14:09	1.1	1.1	46
KURNOOL_AMGREEN_W	304	0	0	161	00:00	0	10:59	3.87	3.87	161
MYTRA( 1 * 250 )	250	208	172	225	14:01	142	11:31	4.52	4.52	188
ORANGE( 1 * 200 )	200	175	112	181	19:20	74	08:01	3.22	3.22	134
PGLR_SAUPL_W	53	0	14	34	03:00	0	-	0.82	0.82	34
PGLR_SREPL( 1 * 300 )	300	238	107	255	13:09	122	06:21	4.07	4.07	170
TUTICORINJSWRENEW( 1 * 51.3 )	540	267	276	435	20:00	0	-	10.44	10.44	435
VIVID SOLAIRE (BEETAM)( 1 * 220 )	220	213	165	220	17:05	131	07:17	4.36	4.36	182
Total RENEWABLE_WIND	4,469	2,026	1,964					62.48	62.48	2,601

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	87	10:53	0	06:04	1.07	1.07	89
ANP_ATHENA BIWADI( 1 * 50 )	50	0	0	51	11:43	0	06:00	0.21	0.21	18
ANP_ATHENA HISAR( 1 * 50 )	50	0	0	51	11:37	0	06:03	0.2	0.2	17
ANP_ATHENA KARNAL( 1 * 50 )	50	0	0	49	11:36	0	06:03	0.19	0.19	16
ANP_AYANA( 1 * 250 )	250	0	0	201	10:51	1	06:03	1.81	1.81	151
ANP_AZURE( 1 * 50 )	50	0	0	40	12:23	0	06:00	0.18	0.18	15
ANP_IGS1( 1 * 50 )	50	0	0	50	11:36	0	06:00	0.19	0.19	16
ANP_IGS2( 1 * 50 )	50	0	0	50	11:55	0	06:00	0.21	0.21	18
ANP_NTPC( 5 * 50 )	250	0	0	122	11:56	1	17:59	0.64	0.64	53
ANP_TATA( 2 * 50 )	100	0	0	88	11:37	0	06:03	0.34	0.34	28
SPRING ANG ITRA( 1 * 250 )	250	0	0	140	10:45	0	08:03	1.73	1.73	144
PAVAGADA										
PVG_ADYAH( 6 * 50 )	300	0	0	65	00:00	0	08:03	1.55	1.55	129
PVG_AMPLUS PAVAGADA( 1 * 50 )	50	0	0	51	10:56	1	06:00	0.24	0.24	20
PVG_AMPLUS TUMKUR( 1 * 50 )	50	0	0	52	10:57	1	06:00	0.24	0.24	20
PVG_AVAADA SOLAR( 3 * 50 )	150	0	0	142	10:28	1	06:00	0.76	0.76	63
PVG_AVAADA SOLARISE( 3 * 50 )	150	0	0	158	11:25	1	06:00	0.75	0.75	63
PVG_AZURE POWER EARTH ( 2 * 50 )	100	0	0	76	10:26	1	06:00	0.4	0.4	33
PVG_FORTUM FIN SURYA( 2 * 50 )	100	0	0	97	11:27	1	06:00	0.46	0.46	38
PVG_IRCON_S	225	0	0	86	00:00	0	-	2.06	2.06	172
PVG_KREDL( 1 * 50 )	50	0	0	47	10:36	1	06:00	0.24	0.24	20
PVG_PARAMPUJYA( 3 * 50 )	150	0	0	121	11:29	1	06:00	0.65	0.65	54
PVG_RENEW TN2( 1 * 50 )	50	0	0	50	09:24	1	06:00	0.23	0.23	19
PVG_SBG ENERGY( 4 * 50 )	200	0	0	191	10:50	0	06:00	1.04	1.04	87
PVG_SPRING SOLAR INDIA( 5 * 50 )	250	0	0	193	09:15	1	06:01	1.15	1.15	96
PVG_TATA RENEWABLES( 8 * 50 )	400	0	0	285	09:14	1	06:00	1.57	1.57	131
PVG_YARROW( 1 * 50 )	50	0	0	48	10:11	1	06:00	0.23	0.23	19
OTHER										
GADAG_SERENTICA3_S	69	0	0	7	00:00	0	-	0.16	0.16	13
GADAG_VENA_S	31	0	0	5	00:00	0	-	0.13	0.13	11
GRT( 1 * 150 )	150	118	0	152	13:33	0	06:00	1.99	1.99	166
KOPPAL_KLEIO_S	105	0	0	13	00:00	0	-	0.32	0.32	27
KOPPAL_RENEWOJAS_S	81	0	0	9	00:00	0	10:59	0.21	0.21	18
KOPPAL_SRIIPL_S	188	0	0	30	00:00	0	-	0.73	0.73	61
KURNOOL_AMGREEN_S	599	0	0	63	00:00	0	-	1.5	1.5	125
NTPC ETTAYAPURAM SOLAR PLANT	230	191	0	250	13:01	0	06:00	3.14	3.14	262
RAMANGUNDAM (SOLAR)( 1 * 100 )	100	70	0	100	12:39	0	06:00	0.34	0.34	28
SIMHADRI (SOLAR)( 1 * 25 )	25	1	0	20	13:47	0	06:16	0.1	0.1	8
Total	5,253	380	0					26.96	26.96	2,248

Total ISGS IPP Thermal	22,470	14,097	11,403					306.8	280.26	
STATE THERMAL	28,342	16,943	13,531					377.47	346.82	
Total CPP Import										
Total ISGS & IPP Hydro										
HYDEL	13,487	7,486	6,607	-	-	-	-	161.47	160.3	
GAS/NAPTHA/DIESEL	6,826	98	117	-	-	-	-	9.37	9.17	
NUCLEAR	3,320	1,656	1,659	-	-	-	-	41.25	38.27	
WIND	23,583	8,629	7,715	-	-	-	-	220.97	220.97	
SOLAR	30,643	380	0	-	-	-	-	113.8	113.8	
OTHERS	4,752	642	724	-	-	-	-	26.16	26.16	

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	706	475	-	479	0	14.53	-14.53
3	765KV-SRIKAKULAM-ANGUL	1,041	1,049	2,133	-	25.29	0	25.29
4	HVDC500KV-TALCHER-KOLAR_DC	1,087	1,332	1,386	-	23.02	0	23.02
Sub-Total EAST REGION		2,834	2,856	3,519	479	48.31	14.53	33.78
Import/Export between SOUTH REGION and WEST REGION								
1	220KV-AMBEWADI-PONDA	0	0	-	-	0	0	0
2	220KV-AMBEWADI-XELDEM	86	80	-	93	0	2.18	-2.18
3	220KV-CHIKKODI-MUDASANGI	0	0	0	-	-	-	-
4	220KV-CHIKKODI-TALANGADE	-	-	-	-	-	-	-
5	220KV-LOWER_SILERU-BARSUR	-	-	-	-	-	-	-
6	400KV-BHADRAVTAHI-RAMAGUNDAM	923	923	934	-	0	22.18	-22.18
7	400KV-KUDGI_PG-KHOLAPUR_PG	1,550	1,571	-	2,251	0	39.13	-39.13
8	765KV-NIZAMABAD-WARDHA	2	190	1,534	-	7.91	0	7.91
9	765KV-RAICHUR_PG-SHOLAPUR	1,579	1,324	-	2,606	0	29.54	-29.54

10	765KV-WARANGAL(NEW)-WARORA	347	67	983	0	4.2	0	4.2
11	HVDC800KV-RAIGARH HVDC-PUGALUR HVDC	279	277	-	548	13.82	0	13.82
Sub-Total WEST REGION		4,766	4,432	3,451	5,498	25.93	93.03	-67.1
TOTAL IR EXCHANGE		7,600	7,288	6,970	5,977	74.24	107.56	-33.32

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	15.36	-5.27	0	0.02	0	0	-16.83	5.051	21.881
SR-WR	-0.67	-22.79	3.38	-22.98	0	7.83	-40.06	-67.1	-27.04
Total	14.69	-28.06	3.38	-22.96	0	7.83	-56.89	-62.049	-5.159

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	2.13	79.225	60.88	18.646

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

Maximum		Minimum		Average Frequency	Freq Variation Index	Standard Deviation	Freq. in 15 mnt blk	
Frequency	Time	Frequency	Time				Max.	Min.
50.246	13:38:50	49.828	14:14:50	50.012	0.025	0.048	50.16	49.87

6.Voltage Profile: 400kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 380	< 390	> 420	> 430
GHANAPUR - 400KV	424	00:18	409	10:39	0	0	32.361	0
GOOTY - 400KV	421	01:59	403	09:52	0	0	9.444	0
HIRIYUR - 400KV	427	03:02	407	09:50	0	0	41.042	0
KAIGA - 400KV	415	02:02	396	10:38	0	0	0	0
KOLAR_AC - 400KV	423	02:58	395	09:44	0	0	15.069	0
KUDANKULAM - 400KV	414	23:56	394	12:04	0	0	0	0
SHANKARAPALLY - 400KV	415	01:51	408	14:16	0	0	0	0
SOMANAHALLI - 400KV	420	03:01	394	09:49	0	0	0	0
SRIPERUMBADUR - 400KV	414	02:00	398	09:48	0	0	0	0
TRICHY - 400KV	416	16:41	397	11:10	0	0	0	0
TRIVANDRUM - 400KV	421	23:56	397	11:09	0	0	.278	0
VIJAYAWADA - 400KV	418	19:04	382	10:07	0	.625	0	0

6.1 Voltage Profile: 220kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 198	< 210	> 235	> 245
GHANAPUR - 220KV	237	00:12	225	10:08	0	0	19.583	0
GOOTY - 220KV	231	03:05	220	10:47	0	0	0	0
HIRIYUR - 220KV	228	03:01	215	09:44	0	0	0	0
KAIGA - 220KV	234	02:55	222	10:52	0	0	0	0
KOLAR_AC - 220KV	231	03:01	216	09:50	0	0	0	0
SOMANAHALLI - 220KV	227	03:03	209	09:50	0	1.181	0	0
SRIPERUMBADUR - 220KV	0	00:00	0	00:00	N/A	N/A	N/A	N/A
TRICHY - 220KV	231	00:00	222	14:09	0	0	0	0
TRIVANDRUM - 220KV	231	03:30	218	12:04	0	0	0	0
VIJAYAWADA - 220KV	231	00:34	226	12:21	0	0	0	0

6.2 Voltage Profile: 765kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 720	< 750	> 780	> 800
KURNOOL - 765KV	790	02:02	764	10:38	0	0	41.18	0
NIZAMABAD - 765KV	805	00:05	781	06:37	0	0	100	2.78
RAICHUR_PG - 765KV	793	02:11	766	10:33	0	0	53.75	0
SRIKAKULAM - 765KV	795	03:09	771	18:30	0	0	80.97	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	1,442	0	1,294	6.8	7.16	159.63	173.31
IDUKKI	694.94	732.43	2,148	725.49	1,621	723.56	1,485	4.64	9.11	164.09	209.68
JALAPUT	818.39	838.4	534	837.76	503	837.53	500	0	1.93	54.4	44.67
N.SAGAR	155.45	179.9	1,398	178.83	948	179.65	982	146.91	19.62	1,132.09	432.82
SRISAILAM	243.84	270.7	1,392	269.14	965	266.91	758	159.02	32.01	1,422.48	710.02
SUPA	495	564	3,159	559.75	2,775	562.71	3,039	4.03	13.55	147.15	314.93
LINGANAMAKKI	522.73	554.5	4,557	553.59	4,282	553.96	4,402	7.95	14.93	350.16	396.6
KAKKI	908.3	981.45	916	975.21	689	970.22	554	2.72	5.03	79.8	113.39
TOTAL	-	-	15,608	-	13,225	-	13,014	332.07	109.77	3,509.8	2,503.2

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	-210.24	-10.71	63.26	0	97.77	0	0	0	0	0	0	0	0
KARNATAKA	-629.77	-102.27	18.72	0	-23.5	0	0	0	0	0	0	0	0
KERALA	-246	0	-10	0	482.35	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	0	0	0	0	0	0	0	0	0	0	0
TAMILNADU	-25	49.59	130.24	0	-765.38	0	0	0	0	0	0	0	0
TELANGANA	-39.03	0	-292.81	0	-5.9	0	0	0	0	0	0	0	0
TOTAL	-1,150.04	-63.39	-90.59	0	-214.66	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	-208.23	-8.5	-33.91	0	189.76	0	0	0	0	0	0	0	0
KARNATAKA	-733.77	-152.82	-29.65	0	23.43	0	0	0	0	0	0	0	0
KERALA	-96	0	68.29	0	465.33	0	0	0	0	0	0	0	0
PONDICHER ..	0	9.4	6.83	0	14.5	0	0	0	0	0	0	0	0
TAMILNADU	1,189.18	10.44	485.95	0	277.82	0	0	0	0	0	0	0	0
TELANGANA	-114.81	-0.5	-2,059.8	0	669.89	0	0	0	0	0	0	0	0
TOTAL	36.37	-141.98	-1,562.29	0	1,640.73	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	36.35	-4.49	0.55	3.21	0	-0.88	34.74
KARNATAKA	62.2	-14.34	-2.19	-0.25	0	-0.2	45.22
KERALA	45.38	-2.95	0.45	2.7	0	12.17	57.75
PONDICHERY	9.42	0.13	0.1	0.06	0	-0.16	9.55
TAMILNADU	143.8	7.04	2.72	-12.71	0	-11.87	128.98
TELANGANA	61.86	-0.16	1.59	-15.15	0	8.47	56.61
TOTAL	359.01	-14.77	3.22	-22.14	0	7.53	332.85

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	2,114.02	1,013.72	-147.45	-211.56	127.94	-10.83	0	0	0	0	296.63	-99.1	0	0
KARNATAKA	3,985.99	1,346.78	-425.37	-733.77	-4.89	-254.36	0	-9.53	0	0	44.97	-88.41	0	-30
KERALA	2,534.35	1,543.24	-66.33	-246	58.49	0	0	0	0	0	335.31	-10	0	0
PONDICHERY	441.6	337.68	14.02	0	51.07	0	0	0	0	0	32.38	0	0	0
TAMILNADU	6,942.59	4,134.4	1,388.11	-25	277.15	0	0	0	0	0	606.21	-1885.58	0	0
TELANGANA	3,062.61	2,341.56	119.51	-116.61	221.93	-0.5	0	0	0	0	882.48	-2913.81	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	365.97	-611.88	0	0	0	0
KARNATAKA	0	-50	0	0	0	0	0	0	29.48	-28.4	0	0	0	0
KERALA	0	0	0	0	0	0	0	0	923.94	117.42	0	0	0	0
PONDICHER ..	0	0	0	0	0	0	0	0	33.83	-54	0	0	0	0
TAMILNADU	0	0	0	0	0	0	0	0	1,050.59	-2,402.27	0	0	0	0
TELANGANA	0	0	0	0	0	0	0	0	1,395.72	-803.7	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):

1) At 14:18:53Hrs 220kV RSOPL-Koppal s/c tripped on EFR(Y-ph, Zone1), RSOPL 220kV station became dead. Generation loss is around 68MW. Line restored at 21:36 Hrs.
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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 September 25, 2025.
3) 400KV-CUDDAPAH-CHITTOOR-1 availed S/D on 09.09.2025/09:29Hrs for NHAI line diversion works. Revived at 20:20 Hrs of 23-09-2025.
4) 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).
5) 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).

13. Weather Condition:

Andhra Pradesh: Moderate rains reported in EPDCL and Nellore. Telengana: Isolated rains reported all over the state. Kerala: Light rains reported all over the state
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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	1	0	0	0	9	3	0	0	0	0	0	0
KARNATAKA	1	0	0	0	11	2	0	0	0	0	0	0
KERALA	0	0	0	0	0	0	0	0	0	0	0	0
TAMILNADU	1	0	0	0	6	1	0	0	2	4	0	0
PONDICHERRY	0	0	0	0	0	0	0	0	0	0	0	0
TELANGANA	0	3	0	0	13	16	0	0	0	0	0	0

REMARKS:

Shift In Charge