

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 #
50,062	0	50,062	50.03	42,044	0	42,044	50	1,188.77	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	25.03	0	42.56	14.7	2.48	35.78	31.73	-4.05	226.54	222.49	0
KARNATAKA	43.26	61.24	0	48.66	32.72	16.29	26.14	24.77	-1.38	228.3	226.92	0
KERALA	0	38.58	0	0.75	1.23	0.27	36.69	36.32	-0.37	77.52	77.16	0
PONDICHERRY	0	0	0.59	0	0.07	0	8.97	8.56	-0.41	9.63	9.22	0
TAMILNADU	71.68	28.67	1.7	115.4	50.9	4.74	121.72	116.11	-5.61	394.81	389.2	0
TELANGANA	71.74	48.92	0	1.27	18.59	4.64	117.8	118.62	0.82	262.96	263.78	0
Region	292.68	202.44	2.29	208.64	118.21	28.42	347.1	336.11	-11	1,199.76	1,188.77	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	9,528	0	9,528	8,276	0	8,276	9,312	216	6.49
KARNATAKA	9,274	0	9,274	6,886	0	6,886	9,417	213.16	13.76
KERALA	3,794	0	3,794	2,794	0	2,794	3,074	83.74	-6.58
PONDICHERRY	437	0	437	269	0	269	368	9.9	-0.68
TAMILNADU	17,242	0	17,242	14,301	0	14,301	16,818	394	-4.8
TELANGANA	9,787	0	9,787	9,518	0	9,518	11,284	272	-8.22
Region	50,062	0	50,062	42,044	0	42,044	50,273	1,188.8	-0.03

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	10,368	12:18	0	10,368	10,368	12:18	0	10,368	828.55	22:43	-578.18	12:31
KAR	11,903	10:00	0	11,903	11,903	10:00	0	11,903	1,277.04	14:29	-1,033.26	06:15
KER	3,877	19:00	0	3,877	3,877	19:00	0	3,877	318.04	20:52	-297.89	14:59
PONDY	456	21:45	0	456	456	21:45	0	456	138.45	02:13	-114.25	23:35
TN	18,325	16:30	0	18,325	18,325	16:30	0	18,325	1,894.75	08:00	-489.06	22:36
TG	13,339	07:34	0	13,339	13,339	07:34	0	13,339	2,306.2	09:29	-767.94	15:30
Region	54,509	15:57:30	0	54,509	54,509	15:57:30	0	54,509	3,313.09	08:00	-1,606.03	12:28

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	472	304	501	00:27	296	10:26	8.27	7.69	320
KRISHNAPATTANAM (3 * 800)	2,400	1,624	1,396	1,665	18:59	1,199	16:02	34.99	32.83	1,368
RAYALASEEMA TPP(1 * 600 + 5 * 210)	1,650	939	830	1,004	19:25	820	09:43	22.5	20.17	840
SEIL P2 UNIT-2(1 * 660)	660	625	626	632	04:30	341	09:42	13.37	12.68	528
VIJAYAWADA TPS(1 * 800 + 1 * 500 + 6 * 210)	2,560	1,482	1,357	1,556	19:33	1,273	12:59	35.75	32.63	1,360
OTHER THERMAL	0	0	0	0	00:00	0	-	-	-	-
Total THERMAL	8,310	5,142	4,513	-	-	-	-	114.88	106	4,416
HAMPI	36	0	0	26	00:00	0	-	0.62	0.62	26
LOWER SILERU(4 * 115)	460	13	13	118	00:43	13	12:49	2.85	2.84	118
SRISAILAM RBPH(7 * 110)	770	642	650	653	08:18	563	11:23	15.35	15.32	638
UPPER SILERU(4 * 60)	240	0	0	168	06:33	2	12:17	0.9	0.89	37
OTHER HYDEL	431	373	198	373	00:00	0	-	5.38	5.36	223
Total HYDEL	1,937	1,028	861	-	-	-	-	25.1	25.03	1,042
GAUTAMI CCPP(1 * 174 + 2 * 145)	464	0	0	0	00:00	0	12:49	0	0	0
GMR (BARG)(1 * 237)	237	0	0	0	00:00	0	12:49	0	0	0
JEGURUPADU (GAS)(1 * 49.9 + 1 * 75.5 + 2 * 45.8)	217	0	0	0	00:00	0	12:49	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	12:49	0	0	0
LANCO (GAS)(1 * 121 + 2 * 115)	351	0	0	0	00:00	0	12:49	0	0	0
RELIANCE ENERGY LTD. (GAS)(1 * 140 + 1 * 80)	220	0	0	0	00:00	0	12:47	0	0	0
SPECTRUM (GAS)(1 * 46.8 + 1 * 68.8 + 2 * 46.1)	208	0	0	0	00:00	0	12:47	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	12:47	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	1,928	1,977	2,393	15:51	1,052	07:48	42.56	42.56	1,773
SOLAR	3,356	0	0	1,990	10:38	3	06:00	14.7	14.7	613
OTHERS	619	94	96	112	00:43	86	12:30	2.48	2.48	103
Total AP	21,342	8,192	7,447	-	-	-	-	199.72	190.77	7,947

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	567	431	672	19:07	410	16:34	11.67	10.43	435
KAKATIYA ST1&ST2(1 * 500 + 1 * 600)	1,100	1,045	838	1,064	19:31	576	13:54	19.72	18.58	774
KOTHAGUEDEM TPS(1 * 500 + 1 * 800 + 2 * 250)	1,800	643	582	813	19:27	553	07:34	15.32	14.25	594
RAMAGUNDAM-B(1 * 62.5)	63	0	0	0	00:00	0	06:45	0	0	0
SINGARENI TPS(2 * 600)	1,200	1,077	682	1,198	00:00	665	09:46	19.26	17.95	748
YADADRI(2 * 800)	1,600	633	449	695	20:07	435	12:39	11.27	10.54	439
Total THERMAL	6,843	3,965	2,982					77.24	71.75	2,990
NAGARJUNA SAGAR(1 * 110 + 7 * 100.8)	816	811	807	839	20:45	777	13:02	19.67	19.6	817
NAGARJUNA SAGAR (PUMP)(1 * 110 + 7 * 100.8)	816	0	0	0	00:00	0	-	0	0	0
SRISAILAM LBPH(6 * 150)	900	717	722	725	06:21	714	17:08	17.21	17.18	716
SRISAILAM LBPH(PUMP)(6 * 150)	900	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	957	539	449	539	00:00	0	06:00	12.23	12.14	506
Total HYDEL	2,673	2,067	1,978					49.11	48.92	2,039
WIND	128	0	0	53	00:00	0	-	1.27	1.27	53
SOLAR	3,818	0	0	2,410	11:16	11	06:09	18.59	18.59	775
OTHERS	252	0	0	193	00:00	0	-	4.64	4.64	193
Total TG	13,714	6,032	4,960					150.85	145.17	6,050

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	745	282	776	21:59	258	10:18	11.06	10.06	419
JINDAL(2 * 130 + 4 * 300)	1,460	0	0	274	20:15	0	-	21.43	18.69	30
JINDAL (EXCL. CAPTIVE CONSUMPTION)(2 * 130 + 4 * 300)	1,460	174	0	274	20:15	0	06:01	0.72	0.72	30
RAICHUR TPS(1 * 250 + 7 * 210)	1,720	705	610	732	21:54	582	11:08	17.1	15.27	636
UPCL(2 * 600)	1,200	950	619	1,082	20:27	590	09:56	18.38	17.21	717
YERAMARAS TPS(2 * 800)	1,600	0	0	0	00:00	0	12:41	0	0	0
Total THERMAL	7,680	2,574	1,511	-	-	-	-	47.26	43.26	1,053
NAGJHERI(1 * 135 + 5 * 150)	885	550	698	708	00:40	0	12:32	10.12	9.99	416
SHARAVATHI(10 * 103.5)	1,035	846	833	872	20:39	276	14:08	18.3	18.16	757
VARAHI UGPH(4 * 115)	460	397	396	414	20:43	288	11:10	9.45	9.3	388
OTHER HYDEL	2,137	1,460	1,453	1,460	00:00	1,018	06:00	23.79	23.79	991
Total HYDEL	4,517	3,253	3,380	-	-	-	-	61.66	61.24	2,552
OTHER GAS/NAPTHA/DIESEL	126	0	0	0	00:00	1	12:47	0	0	0
Total GAS/NAPTHA/DIESEL	126	0	0	-	-	-	-	0	0	0
WIND	5,440	2,632	1,347	2,945	17:17	1,111	07:55	48.66	48.66	2,028
SOLAR	6,571	0	0	4,281	12:18	7	06:00	32.72	32.72	1,363
OTHERS	1,832	76	124	2,042	05:53	61	16:30	16.29	16.29	2,042
Total KAR	26,166	8,535	6,362	-	-	-	-	206.59	202.17	9,038

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	751	560	767	00:37	50	13:00	9.54	9.5	396
LOWER PERIYAR (3 * 60)	180	164	165	166	09:21	164	17:59	3.93	3.92	163
SABARIGIRI(2 * 60 + 4 * 55)	340	245	246	250	11:27	229	13:01	5.89	5.88	245
OTHER HYDEL	834	716	697	803	20:00	403	06:24	19.28	19.28	803
Total HYDEL	2,134	1,876	1,668	-	-	-	-	38.64	38.58	1,607
BRAHMAPURAM DGPP (DIESEL)(3 * 21.32)	64	0	0	0	00:00	2	12:57	0	0	0
BSES (NAPTHA)(1 * 35.5 + 3 * 40.5)	157	0	0	0	00:00	0	12:47	-	-	-
KOZHICODE DPP (DIESEL)(6 * 16)	96	0	0	0	00:00	0	12:49	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	0	06:01	0	0	0
OTHER GAS/NAPTHA/DIESEL	22	0	0	0	00:00	0	12:47	-	-	-
Total GAS/NAPTHA/DIESEL	709	0	0	-	-	-	-	0	0	0
WIND	70	0	0	31	00:00	0	-	0.75	0.75	31
SOLAR	1,988	0	0	51	00:00	0	-	1.23	1.23	51
OTHERS	20	0	0	11	00:00	0	-	0.27	0.27	11
Total KER	4,921	1,876	1,668	-	-	-	-	40.89	40.83	1,700

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	931	852	1,000	06:16	805	10:54	21.22	19.34	806
NCTPS STG3(Infirm - 800 MW)	0	0	0	0	00:00	0	-	0	0	0
NORTH CHENNAI TPS STG-II(2 * 600)	1,200	783	614	794	20:45	598	16:55	17.7	16.34	681
NORTH CHENNAI TPS(3 * 210)	630	261	241	278	18:07	216	08:08	6.84	5.96	248
OPG PGPL	414	0	0	231	00:00	0	-	6.12	5.54	231
SEPC(1 * 525)	525	486	260	514	06:32	246	13:17	9.45	8.92	372
ST - CMS(1 * 250)	250	248	168	252	07:56	166	11:34	4.83	4.44	185
TUTICORIN(5 * 210)	1,050	497	454	506	00:02	435	16:51	12.33	11.14	464
Total THERMAL	5,509	3,206	2,589					78.49	71.68	2,987
KADAMPARAI (4 * 100)	400	98	0	100	04:17	3	07:29	1.23	1.22	51
KADAMPARAI (PUMP)(4 * 100)	400	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	1,826	1,264	1,099	1,264	00:55	41	10:36	27.7	27.45	1,144
Total HYDEL	2,226	1,362	1,099					28.93	28.67	1,195
BASIN BRIDGE (NAPTHA)(4 * 30)	120	0	0	0	00:00	0	06:39	0	0	0
KOVIL KALAPPAL (GAS)(1 * 37.8 + 1 * 70)	108	0	0	0	00:00	0	06:18	0	0	0
KUTTALAM (GAS)(1 * 37 + 1 * 64)	101	0	0	0	00:00	0	06:00	0	0	0
MADURAI POWER CL (DIESEL)(1 * 106)	106	0	0	0	00:00	0	12:47	0	0	0
P P NALLUR (NAPTHA)(1 * 330.5)	331	0	0	0	00:00	0	12:47	0	0	0
SAMALPATTY (DIESEL)(7 * 15.1)	106	0	0	0	00:00	0	12:47	0	0	0
VALATTUR(STG1&STG2)(1 * 32 + 1 * 35 + 2 * 60)	187	29	36	73	10:09	34	06:19	1.83	1.7	71
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	29	36					1.83	1.7	71
WIND	9,392	4,376	4,695	5,733	16:13	4,164	06:06	115.4	115.4	4,808
SOLAR	9,555	0	0	6,935	12:20	9	06:08	50.9	50.9	2,121
OTHERS	2,029	578	535	592	00:43	450	08:16	4.74	4.74	198
Total TN	30,132	9,551	8,954					280.29	273.09	11,380

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	0	0	0	00:00	0	09:39	0	0	0
NEYVELI TS I EXPN (2 * 210)	420	132	154	164	02:39	134	09:42	3.39	3.2	133
NEYVELI TS II(7 * 210)	1,470	555	550	623	22:16	459	14:46	15.78	12.37	515
NEYVELI TS II EXPN (2 * 250)	500	208	0	213	18:58	0	06:00	4.45	3.71	155
NNTPS(2 * 500)	1,000	467	461	475	21:30	419	14:59	10.46	8.53	355
NTPC-TELANGANA STPP(2*800)	1,600	614	455	614	20:00	0	-	13.44	12.19	508
RAMAGUNDAM(3 * 200 + 4 * 500)	2,600	590	353	613	22:52	325	17:09	11.66	10.4	433
SIMHADRI STAGE I(2 * 500)	1,000	430	278	466	07:27	238	16:13	8.28	7.41	309
SIMHADRI STAGE II(2 * 500)	1,000	444	275	492	20:23	243	14:34	9.16	8.26	344
TALCHER ST2(4 * 500)	2,000	1,312	1,362	1,372	01:43	792	12:25	30.39	28.59	1,191
Total THERMAL	13,990	4,752	3,888	-	-	-	-	107.01	94.66	3,943
KAIGA STG1(2 * 220)	440	196	194	201	09:18	183	09:38	5.34	4.82	201
KAIGA STG2(2 * 220)	440	427	427	438	17:17	422	08:13	11.45	10.51	438
KUDANKULAM(2 * 1000)	2,000	1,021	957	1,030	08:56	993	06:10	24.36	22.74	948
MAPS(2 * 220)	440	0	0	0	00:00	31	16:27	0	0	0
Total NUCLEAR	3,320	1,644	1,578	-	-	-	-	41.15	38.07	1,587
Total ISGS	17,310	6,396	5,466					148.16	132.73	5,530

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	920	560	948	20:27	359	10:18	14.79	13.89	579
VALLUR TPS(3 * 500)	1,500	1,315	825	1,409	06:43	713	12:04	24.16	22.21	925
Total THERMAL	2,500	2,235	1,385	-	-	-	-	38.95	36.1	1,504
Total JOINT_VENTURE	2,500	2,235	1,385					38.95	36.1	1,504

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	511	328	561	08:02	282	14:22	10.15	9.37	390
IL&FS(2 * 600)	1,200	561	544	563	20:24	297	09:59	12.07	11.18	466
JINDAL POWER LIMITED (SIMHAPURI UNIT)(4 * 150)	600	413	231	417	20:39	50	14:58	6.63	5.94	248
MEENAKSHI ENERGY LTD STAGE1(2 * 150)	300	0	0	0	00:00	49	10:22	0	0	0
MEENAKSHI ENERGY LTD STAGE2(2 * 350)	700	0	0	221	00:00	0	-	5.86	5.31	221
SEIL P1(2 * 660)	1,320	1,261	700	1,270	20:54	502	12:16	20.99	19.77	824
SEIL P2 UNIT-1(1 * 660)	660	632	505	636	19:25	11	14:58	12.29	11.71	488
Total THERMAL	5,980	3,378	2,308	-	-	-	-	67.99	63.28	2,637
LKPPL ST2(1 * 133 + 1 * 233)	366	182	181	334	19:23	175	17:09	4.73	4.57	190
LKPPL ST3(2 * 133 + 2 * 233)	732	0	0	0	00:00	0	-	0	0	0
Total GAS/NAPTHA/DIESEL	1,098	182	181	-	-	-	-	4.73	4.57	190
Total REGIONAL_IPP	7,078	3,560	2,489					72.72	67.85	2,827

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	74	36	75	19:18	0	08:08	1.11	1.11	46
GADAG_RSPL_W	175	183	116	108	20:00	204	13:46	2.59	2.59	108
GADAG_VENA_W	133	125	70	125	20:00	0	-	2.37	2.37	99
GREEN INFRA(1 * 249.90)	250	201	230	247	17:16	66	13:33	4.81	4.81	200
HIRIYUR_OSTRO(1 *300.3)	300	0	0	168	00:00	0	06:00	4.02	4.02	168
HIRIYUR_ZREPL_W	66	48	34	119	20:00	0	-	2.86	2.86	119
JSW RENEW ENERGY TWO LTD	300	120	139	258	17:25	15	13:02	2.94	2.94	123
KARUR_JSWRENEW_W	162	126	135	126	20:00	0	-	2.01	2.01	84
KARUR_JSWRETWO_W	150	84	84	121	20:00	0	-	2.9	2.9	121
KOPPAL_AYANASIX_W	300	211	126	211	20:00	0	-	3.59	3.59	150
KOPPAL_KLEIO_W	101	0	0	38	00:00	0	-	0.9	0.9	38
KOPPAL_RENEWOJAS_W	319	0	113	316	14:08	85	08:17	4.35	4.35	181
KOPPAL_RENEWROSHNI_W	291	159	93	254	17:00	42	08:10	3.34	3.34	139
KURNOOL_AMGREEN_W	304	0	0	197	00:00	0	12:47	4.72	4.72	197
MYTRA(1 * 250)	250	155	186	220	17:06	102	13:23	4.04	4.04	168
ORANGE(1 * 200)	200	146	169	184	09:12	65	13:31	3.57	3.57	149
PGLR_SAUPL_W	53	0	0	0	00:00	0	-	0	0	0
PGLR_SREPL(1 * 300)	300	212	213	265	12:20	121	06:35	5.47	5.47	228
TUTICORINJSWRENEW(1 * 51.3)	540	200	247	230	20:00	0	-	5.52	5.52	230
VIVID SOLAIRE (BEETAM)(1 * 220)	220	190	213	222	18:05	114	13:20	4.58	4.58	191
Total RENEWABLE_WIND	4,469	2,234	2,204					65.69	65.69	2,739

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	239	10:44	0	06:00	1.31	1.31	109
ANP_ATHENA BIWADI(1 * 50)	50	0	0	52	11:54	0	06:02	0.32	0.32	27
ANP_ATHENA HISAR(1 * 50)	50	0	0	53	11:12	0	06:02	0.32	0.32	27
ANP_ATHENA KARNAL(1 * 50)	50	0	0	51	12:00	0	06:00	0.29	0.29	24
ANP_AYANA(1 * 250)	250	0	0	199	09:15	1	06:00	1.15	1.15	96
ANP_AZURE(1 * 50)	50	0	0	48	12:34	0	06:02	0.27	0.27	23
ANP_IGS1(1 * 50)	50	0	0	52	11:45	49	11:03	0.3	0.3	25
ANP_IGS2(1 * 50)	50	0	0	52	10:12	0	06:00	0.32	0.32	27
ANP_NTPC(5 * 50)	250	0	0	150	10:18	1	06:03	0.82	0.82	68
ANP_TATA(2 * 50)	100	0	0	98	12:14	0	06:00	0.57	0.57	48
SPRING ANG ITRA(1 * 250)	250	0	0	183	09:12	0	06:03	1.14	1.14	95
PAVAGADA										
PVG_ADYAH(6 * 50)	300	0	0	78	00:00	0	06:45	1.88	1.88	157
PVG_AMPLUS PAVAGADA(1 * 50)	50	0	0	52	10:31	1	06:00	0.32	0.32	27
PVG_AMPLUS TUMKUR(1 * 50)	50	0	0	52	10:33	1	06:00	0.32	0.32	27
PVG_AVAADA SOLAR(3 * 50)	150	0	0	149	10:55	1	06:00	0.92	0.92	77
PVG_AVAADA SOLARISE(3 * 50)	150	0	0	158	11:16	1	06:00	0.9	0.9	75
PVG_AZURE POWER EARTH (2 * 50)	100	0	0	76	10:27	1	06:00	0.5	0.5	42
PVG_FORTUM FIN SURYA(2 * 50)	100	0	0	75	13:50	1	06:00	0.44	0.44	37
PVG_IRCON_S	225	0	0	94	00:00	0	-	2.26	2.26	188
PVG_KREDL(1 * 50)	50	0	0	48	14:16	1	06:00	0.3	0.3	25
PVG_PARAMPUJYA(3 * 50)	150	0	0	129	13:47	1	06:00	0.78	0.78	65
PVG_RENEW TN2(1 * 50)	50	0	0	51	11:18	1	06:00	0.32	0.32	27
PVG_SBG ENERGY(4 * 50)	200	0	0	195	11:19	0	06:00	1.2	1.2	100
PVG_SPRING SOLAR INDIA(5 * 50)	250	0	0	201	09:17	1	06:00	1.23	1.23	103
PVG_TATA RENEWABLES(8 * 50)	400	0	0	277	09:07	1	06:00	1.75	1.75	146
PVG_YARROW(1 * 50)	50	0	0	52	13:52	1	06:00	0.32	0.32	27
OTHER										
GADAG_SERENTICA3_S	69	0	0	17	00:00	0	-	0.4	0.4	33
GADAG_VENA_S	31	0	0	10	00:00	0	-	0.23	0.23	19
GRT(1 * 150)	150	0	0	155	12:29	0	06:01	1.14	1.14	95
KOPPAL_KLEIO_S	105	0	0	33	00:00	0	-	0.8	0.8	67
KOPPAL_RENEWOJAS_S	81	0	0	17	00:00	0	12:47	0.4	0.4	33
KOPPAL_SRIIPL_S	188	0	0	48	00:00	0	-	1.16	1.16	97
KURNOOL_AMGREEN_S	599	0	0	119	00:00	0	-	2.85	2.85	238
NTPC ETTAYAPURAM SOLAR PLANT	230	0	0	250	12:04	0	06:00	1.87	1.87	156
RAMANGUNDAM (SOLAR)(1 * 100)	100	84	0	88	11:15	0	06:00	1.21	1.21	101
SIMHADRI (SOLAR)(1 * 25)	25	0	0	13	00:00	0	06:00	0.3	0.3	25
Total	5,253	84	0					30.61	30.61	2,556

Total ISGS IPP Thermal	22,470	10,365	7,581					213.95	194.04	
STATE THERMAL	28,342	14,887	11,595					317.87	292.69	
Total CPP Import										
Total ISGS & IPP Hydro										
HYDEL	13,487	9,586	8,986	-	-	-	-	203.81	202.44	
GAS/NAPTHA/DIESEL	6,826	211	217	-	-	-	-	7.11	6.86	
NUCLEAR	3,320	1,669	1,601	-	-	-	-	41.14	38.07	
WIND	23,583	11,170	10,224	-	-	-	-	274.33	274.33	
SOLAR	30,643	84	0	-	-	-	-	148.82	148.82	
OTHERS	4,752	748	755	-	-	-	-	28.42	28.42	

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	514	513	529	-	12.32	0	12.32
3	765KV-SRIKAKULAM-ANGUL	1,174	1,359	2,473	-	27.22	0	27.22
4	HVDC500KV-TALCHER-KOLAR_DC	1,577	1,479	1,579	-	31.85	0	31.85
Sub-Total EAST REGION		3,265	3,351	4,581	0	71.39	0	71.39
Import/Export between SOUTH REGION and WEST REGION								
1	220KV-AMBEWADI-PONDA	0	0	-	-	0	0	0
2	220KV-AMBEWADI-XELDEM	103	85	-	112	0	2.11	-2.11
3	220KV-CHIKKODI-MUDASANGI	0	0	0	-	-	-	-
4	220KV-CHIKKODI-TALANGADE	-	-	-	-	-	-	-
5	220KV-LOWER_SILERU-BARSUR	-	-	-	-	-	-	-
6	400KV-BHADRAVTAHI-RAMAGUNDAM	513	510	583	-	0	12.28	-12.28
7	400KV-KUDGI_PG-KHOLAPUR_PG	1,524	1,270	-	2,028	0	33.64	-33.64
8	765KV-NIZAMABAD-WARDHA	371	702	1,949	-	16.71	0	16.71
9	765KV-RAICHUR_PG-SHOLAPUR	1,367	1,073	-	1,811	0	25.84	-25.84

10	765KV-WARANGAL(NEW)-WARORA	307	624	1,914	-	15.17	0	15.17
11	HVDC800KV-RAIGARH HVDC-PUGALUR HVDC	278	279	-	550	20.02	0	20.02
Sub-Total WEST REGION		4,463	4,543	4,446	4,501	51.9	73.87	-21.97
TOTAL IR EXCHANGE		7,728	7,894	9,027	4,501	123.29	73.87	49.42

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	6.63	-3.33	0	0.06	0	0	-17.9	42.799	60.699
SR-WR	2.02	-18.46	3.15	31.83	0	21.97	53.5	-21.969	-75.469
Total	8.65	-21.79	3.15	31.89	0	21.97	35.6	20.83	-14.77

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	4.595	81.713	49.711	13.692

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

Maximum		Minimum		Average Frequency	Freq Variation Index	Standard Deviation	Freq. in 15 mnt blk	
Frequency	Time	Frequency	Time				Max.	Min.
50.211	13:01:00	49.745	20:51:40	49.998	0.03	0.055	50.1	49.8

6.Voltage Profile: 400kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 380	< 390	> 420	> 430
GHANAPUR - 400KV	425	00:00	406	07:04	0	0	34.931	0
GOOTY - 400KV	421	03:07	397	11:17	0	0	4.583	0
HIRIYUR - 400KV	430	03:02	403	11:19	0	0	42.569	0
KAIGA - 400KV	419	02:34	393	11:19	0	0	23.264	0
KOLAR_AC - 400KV	425	03:01	393	08:46	0	0	20.972	0
KUDANKULAM - 400KV	411	05:01	394	09:13	0	0	0	0
SHANKARAPALLY - 400KV	412	00:58	402	15:31	0	0	0	0
SOMANAHALLI - 400KV	420	03:02	387	09:11	0	2.5	0	0
SRIPERUMBADUR - 400KV	412	03:01	394	10:58	0	0	0	0
TRICHY - 400KV	416	05:12	392	09:33	0	0	0	0
TRIVANDRUM - 400KV	420	05:01	399	09:12	0	0	12.986	0
VIJAYAWADA - 400KV	419	01:16	389	02:25	0	.208	0	0

6.1 Voltage Profile: 220kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 198	< 210	> 235	> 245
GHANAPUR - 220KV	236	01:31	223	07:05	0	0	16.736	0
GOOTY - 220KV	229	03:45	217	09:18	0	0	0	0
HIRIYUR - 220KV	230	03:02	213	11:46	0	0	0	0
KAIGA - 220KV	234	02:58	221	11:19	0	0	25.764	0
KOLAR_AC - 220KV	232	03:03	215	09:12	0	0	0	0
SOMANAHALLI - 220KV	227	03:41	206	09:12	0	18.403	0	0
SRIPERUMBADUR - 220KV	0	00:00	0	00:00	N/A	N/A	N/A	N/A
TRICHY - 220KV	230	01:31	215	09:12	0	0	0	0
TRIVANDRUM - 220KV	231	05:01	219	09:13	0	0	0	0
VIJAYAWADA - 220KV	231	01:45	223	20:08	0	0	0	0

6.2 Voltage Profile: 765kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 720	< 750	> 780	> 800
KURNOOL - 765KV	787	01:31	755	11:17	0	0	26.32	0
NIZAMABAD - 765KV	803	23:59	773	07:06	0	0	95.14	22.64
RAICHUR_PG - 765KV	791	01:31	757	11:19	0	0	39.03	0
SRIKAKULAM - 765KV	787	01:42	767	07:08	0	0	68.06	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	1,499	0	1,277	10.25	6.13	29.98	20.83
IDUKKI	694.94	732.43	2,148	726.09	1,670	723.06	1,450	12.89	9.42	39.57	27.48
JALAPUT	818.39	838.4	534	837.59	503	837.29	488	2.31	2.31	8.54	6.93
N.SAGAR	155.45	179.9	1,398	178.73	939	178.61	928	23.79	19.63	51.74	58.97
SRISAILAM	243.84	270.7	1,392	269.38	990	269.29	980	78.94	32.84	183.32	97.67
SUPA	495	564	3,159	560	2,796	561.53	2,932	21.57	12.3	69.73	38.32
LINGANAMAKKI	522.73	554.5	4,557	554.02	4,422	553.99	4,412	68.34	18.07	190.75	55.35
KAKKI	908.3	981.45	916	976.32	740	968.71	518	21.22	5.35	30.68	17.1
TOTAL	-	-	15,608	-	13,559	-	12,985	239.31	112.6	604.31	342.46

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	-225.25	-12.41	67.36	0	147.25	0	0	0	0	0	0	0	0
KARNATAKA	-636.93	-130.79	18.36	0	-31.16	0	0	0	0	0	0	0	0
KERALA	-246	0	-10.2	0	144.16	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	0	0	-100	0	0	0	0	0	0	0	0
TAMILNADU	-25	71.02	233.86	0	-444.26	0	0	0	0	0	0	0	0
TELANGANA	-22.55	4.02	1,339.17	0	1,491.44	0	0	0	0	0	0	0	0
TOTAL	-1,155.73	-68.16	1,648.55	0	1,207.43	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	-224.22	-9.5	476.12	0	387.63	0	0	0	0	0	0	0	0
KARNATAKA	-636.93	-145.9	97.91	0	-37.87	0	0	0	0	0	0	0	0
KERALA	-96	13.49	-5.57	0	205.64	0	0	0	0	0	0	0	0
PONDICHER ..	0	69.39	0	0	0	0	0	0	0	0	0	0	0
TAMILNADU	1,823.76	43.37	69.07	0	161.06	0	0	0	0	0	0	0	0
TELANGANA	-114.13	4.02	864.22	0	127.28	0	0	0	0	0	0	0	0
TOTAL	752.48	-25.13	1,501.75	0	843.74	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	31.36	-4.66	1.01	5.98	0	2.09	35.78
KARNATAKA	43.31	-13.74	-3.06	1.45	0	-1.82	26.14
KERALA	36.96	-2.95	0.41	-0.01	0	2.28	36.69
PONDICHERY	8.81	0.1	0.34	0	0	-0.28	8.97
TAMILNADU	127.96	9.87	3.23	-10.01	0	-9.33	121.72
TELANGANA	50.92	0.1	2.07	37.6	0	27.11	117.8
TOTAL	299.32	-11.28	4	35.01	0	20.05	347.1

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	1,944.55	739.3	-135.32	-230.39	119.66	-12.51	0	0	0	0	883.76	39.18	0	0
KARNATAKA	3,791.13	944.96	-411.46	-641.61	-20.02	-145.9	0	-24.5	0	0	803.72	-101.28	96.37	0
KERALA	2,111.85	1,160.5	-66.36	-246	39.51	0	0	0	0	0	41.07	-160.2	0	0
PONDICHERY	405.65	312.11	13.97	0	69.39	0	0	0	0	0	0	0	0	0
TAMILNADU	6,251.25	3,942.89	1,827.03	-25	228.45	43.37	0	0	0	0	462.72	-1795.36	0	0
TELANGANA	3,037.47	1,120.41	137.6	-114.13	225.22	4.02	0	0	0	0	3981.91	-147.81	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	387.63	-603.25	0	0	0	0
KARNATAKA	0	0	0	0	0	0	0	0	275.72	-551.57	0	0	0	0
KERALA	0	0	0	0	0	0	0	0	318.18	-0.7	0	0	0	0
PONDICHER ..	0	0	0	0	0	0	0	0	59.75	-100	0	0	0	0
TAMILNADU	0	0	0	0	0	0	0	0	861.93	-1,923.35	0	0	0	0
TELANGANA	0	0	0	0	0	0	0	0	2,307.94	92.77	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):

1.220kV Gadag-Kanakigiribad line tripped on B-N fault at 05:46 hrs.220kV Kanakigiribad station dead. Generation loss of around 28 MW observed in Scada.
2.CT blast and fire accident occurred at 01:27 Hrs in the 110kV bay of 230/110kV ICT-2 at Bahour ss and both PTRs are hand tripped . Load loss of 120 MW occurred.
3. 230/110KV Bahour ICT-2 LV side R-Ph CT (which was replaced earlier) caught fire and Both ICT's were tripped on Fault at 21:54Hrs. Load loss was around 100MW during the event.

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

13. Weather Condition:

AP Light rains in Vizianagaram, Srikakulam dist, Rayala Seema.
o Telangana : Moderate rains Hyderabad, Nizamabad, Karimnagar dist.
o Karnataka Moderate rains in Coastal parts, Mysore, Bangalore.
o Kerala Moderate rains Throughout the state.
o Tamil Nadu Light rains in Coimbatore, Chennai 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	0	1	0	0	0	0	0	0	0	0	0	0
KARNATAKA	0	1	0	0	0	0	0	0	2	0	0	0
KERALA	0	0	0	0	0	0	0	0	0	0	0	0
TAMILNADU	1	3	0	1	0	0	0	0	2	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