

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 #
48,205	0	48,205	50.06	39,076	0	39,076	50.03	1,105.76	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	97.6	23.38	0	49.28	11.84	2.62	32.38	26.19	-6.19	217.11	210.92	0
KARNATAKA	39.47	61.58	0	56.98	25.23	14.72	23.05	14.55	-8.5	221.03	212.53	0
KERALA	0	38.75	0	0.86	1.25	0.26	40.58	41.61	1.03	81.7	82.73	0
PONDICHERRY	0	0	0.55	0	0.04	0	9.19	9.3	0.11	9.78	9.9	0
TAMILNADU	49.92	28.27	1.71	91.16	43.1	4.38	134.82	115.87	-18.96	353.36	334.41	0
TELANGANA	71.47	43.38	0	0.47	11.59	2.78	107.86	125.59	17.73	237.54	255.27	0
Region	258.46	195.36	2.26	198.75	93.05	24.76	347.88	333.11	-14.78	1,120.52	1,105.76	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	9,181	0	9,181	8,217	0	8,217	8,992	221	-10.08
KARNATAKA	9,082	0	9,082	6,207	0	6,207	9,109	223	-10.47
KERALA	4,035	0	4,035	2,684	0	2,684	3,218	79.32	3.41
PONDICHERRY	429	0	429	321	0	321	373	10.65	-0.75
TAMILNADU	16,327	0	16,327	12,843	0	12,843	15,671	393	-58.59
TELANGANA	9,151	0	9,151	8,804	0	8,804	10,119	249	6.27
Region	48,205	0	48,205	39,076	0	39,076	47,482	1,175.97	-70.21

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	9,920	12:06	0	9,920	9,920	12:06	0	9,920	816.43	13:30	-692.35	16:40
KAR	11,712	10:00	0	11,712	11,712	10:00	0	11,712	540.87	12:01	-609.66	06:15
KER	4,079	19:00	0	4,079	4,079	19:00	0	4,079	278.68	20:31	-507.85	00:09
PONDY	448	19:00	0	448	448	19:00	0	448	151.37	00:05	-51.75	18:26
TN	17,344	18:30	0	17,344	17,344	18:30	0	17,344	945.04	08:00	-673.07	05:16
TG	12,146	07:43	0	12,146	12,146	07:43	0	12,146	1,042.4	19:36	-708.67	08:01
Region	52,784	09:29:29	0	52,784	52,784	09:29:29	0	52,784	2,278.1	10:29	-1,707.56	00:20

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	959	586	978	19:19	578	10:08	16.21	15.11	630	
KRISHNAPATTANAM (3 * 800)	2,400	1,602	1,237	1,631	20:54	1,166	08:43	33.82	31.68	1,320	
RAYALASEEMA TPP(1 * 600 + 5 * 210)	1,650	1,047	807	1,103	19:23	757	11:31	22.24	20.08	837	
SEIL P2 UNIT-2(1 * 660)	660	0	0	0	00:00	0	08:51	0	0	0	
VIJAYAWADA TPS(1 * 800 + 1 * 500 + 6 * 210)	2,560	1,376	1,311	1,414	00:03	1,182	10:58	34.03	30.73	1,280	
OTHER THERMAL	0	0	0	0	00:00	0	-	-	-	-	
Total THERMAL	8,310	4,984	3,941	-	-	-	-	106.3	97.6	4,067	
HAMPI	36	0	0	25	00:00	0	-	0.61	0.61	25	
LOWER SILERU(4 * 115)	460	13	13	123	05:43	13	13:54	2.96	2.95	123	
SRISAILAM RBPH(7 * 110)	770	633	631	635	21:42	546	17:32	15.13	15.09	629	
UPPER SILERU(4 * 60)	240	0	0	165	06:28	1	06:01	0.58	0.58	24	
OTHER HYDEL	431	309	144	309	00:00	0	-	4.16	4.15	173	
Total HYDEL	1,937	955	788	-	-	-	-	23.44	23.38	974	
GAUTAMI CCPP(1 * 174 + 2 * 145)	464	0	0	0	00:00	0	13:54	0	0	0	
GMR (BARG)(1 * 237)	237	0	0	0	00:00	0	13:54	0	0	0	
JEGURUPADU (GAS)(1 * 49.9 + 1 * 75.5 + 2 * 45.8)	217	0	0	0	00:00	0	13:54	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	13:54	0	0	0	
LANCO (GAS)(1 * 121 + 2 * 115)	351	0	0	0	00:00	0	13:54	0	0	0	
RELIANCE ENERGY LTD. (GAS)(1 * 140 + 1 * 80)	220	0	0	0	00:00	0	13:54	0	0	0	
SPECTRUM (GAS)(1 * 46.8 + 1 * 68.8 + 2 * 46.1)	208	0	0	0	00:00	0	13:54	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	13:54	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	1,812	2,366	2,584	13:14	1,479	17:13	49.28	49.28	2,053
SOLAR	3,356	0	0	1,844	11:41	0	06:00	11.84	11.84	493
OTHERS	619	96	93	109	02:42	87	11:47	2.62	2.62	109
Total AP	21,342	7,847	7,188	-	-	-	-	193.48	184.72	7,696

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	593	565	911	18:59	551	07:54	15.52	13.81	575
KAKATIYA ST1&ST2(1 * 500 + 1 * 600)	1,100	1,049	615	1,057	19:24	591	11:23	18.69	17.57	732
KOTHAGUEDEM TPS(1 * 500 + 1 * 800 + 2 * 250)	1,800	683	582	814	19:04	556	11:13	15.45	14.39	600
RAMAGUNDAM-B(1 * 62.5)	63	0	0	0	00:00	0	11:46	0	0	0
SINGARENI TPS(2 * 600)	1,200	1,140	674	1,160	20:30	661	09:42	17.72	16.46	686
YADADRI(2 * 800)	1,600	465	370	531	19:32	405	08:08	10.14	9.24	385
Total THERMAL	6,843	3,930	2,806					77.52	71.47	2,978
NAGARJUNA SAGAR(1 * 110 + 7 * 100.8)	816	803	805	825	16:45	761	15:06	19.62	19.56	815
NAGARJUNA SAGAR (PUMP)(1 * 110 + 7 * 100.8)	816	0	0	0	00:00	0	-	0	0	0
SRISAILAM LBPH(6 * 150)	900	705	702	708	21:52	678	15:09	16.86	16.83	701
SRISAILAM LBPH(PUMP)(6 * 150)	900	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	957	304	263	304	00:00	0	11:47	7.05	7	292
Total HYDEL	2,673	1,812	1,770					43.53	43.39	1,808
WIND	128	0	0	20	00:00	0	-	0.47	0.47	20
SOLAR	3,818	0	0	1,737	12:34	0	06:00	11.59	11.59	483
OTHERS	252	0	0	116	00:00	0	-	2.78	2.78	116
Total TG	13,714	5,742	4,576					135.89	129.7	5,405

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	407	270	431	06:08	257	13:53	8.38	7.54	314
JINDAL(2 * 130 + 4 * 300)	1,460	0	0	269	00:01	0	-	20.27	18.86	46
JINDAL (EXCL. CAPTIVE CONSUMPTION)(2 * 130 + 4 * 300)	1,460	198	89	269	00:01	0	06:15	1.11	1.11	46
RAICHUR TPS(1 * 250 + 7 * 210)	1,720	671	451	688	19:35	437	13:05	14.47	12.75	531
UPCL(2 * 600)	1,200	1,053	620	1,076	18:50	605	08:55	19.24	18.06	753
YERAMARAS TPS(2 * 800)	1,600	0	0	0	00:00	0	06:00	0	0	0
Total THERMAL	7,680	2,329	1,430	-	-	-	-	43.2	39.46	904
NAGJHERI(1 * 135 + 5 * 150)	885	556	309	710	05:46	92	13:03	11.6	11.45	477
SHARAVATHI(10 * 103.5)	1,035	827	740	845	12:32	672	14:00	18.21	18.09	754
VARAHI UGPH(4 * 115)	460	223	161	365	19:14	45	12:21	4.48	4.42	184
OTHER HYDEL	2,137	1,508	1,453	1,508	02:57	924	09:40	27.62	27.62	1,151
Total HYDEL	4,517	3,114	2,663	-	-	-	-	61.91	61.58	2,566
OTHER GAS/NAPTHA/DIESEL	126	0	0	0	00:00	1	13:54	0	0	0
Total GAS/NAPTHA/DIESEL	126	0	0	-	-	-	-	0	0	0
WIND	5,440	2,583	2,147	3,062	15:41	1,745	07:14	56.98	56.98	2,374
SOLAR	6,571	0	0	3,690	13:10	6	06:00	25.23	25.23	1,051
OTHERS	1,832	76	82	1,665	07:14	65	13:47	14.72	14.72	1,665
Total KAR	26,166	8,102	6,322	-	-	-	-	202.04	197.97	8,560

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	649	245	766	22:09	113	10:06	8.72	8.68	362
LOWER PERIYAR (3 * 60)	180	167	169	169	00:44	166	15:09	4.03	4.02	168
SABARIGIRI(2 * 60 + 4 * 55)	340	242	246	249	11:27	215	15:03	5.85	5.84	243
OTHER HYDEL	834	717	716	842	00:44	412	06:02	20.21	20.21	842
Total HYDEL	2,134	1,775	1,376	-	-	-	-	38.81	38.75	1,615
BRAHMAPURAM DGPP (DIESEL)(3 * 21.32)	64	0	0	0	00:00	3	11:24	0	0	0
BSES (NAPTHA)(1 * 35.5 + 3 * 40.5)	157	0	0	0	00:00	0	11:47	-	-	-
KOZHICODE DPP (DIESEL)(6 * 16)	96	0	0	0	00:00	0	13:54	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	13:26	0	0	0
OTHER GAS/NAPTHA/DIESEL	22	0	0	0	00:00	0	11:47	-	-	-
Total GAS/NAPTHA/DIESEL	709	0	0	-	-	-	-	0	0	0
WIND	70	0	0	36	00:00	0	-	0.86	0.86	36
SOLAR	1,988	0	0	52	00:00	0	-	1.25	1.25	52
OTHERS	20	0	0	11	00:00	0	-	0.26	0.26	11
Total KER	4,921	1,775	1,376	-	-	-	-	41.18	41.12	1,714

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	975	844	1,003	21:08	810	14:14	21.46	19.53	814
NCTPS STG3(Infirm - 800 MW)	0	0	0	0	00:00	0	-	0	0	0
NORTH CHENNAI TPS STG-II(2 * 600)	1,200	791	617	801	09:11	594	10:13	17.86	0.21	9
NORTH CHENNAI TPS(3 * 210)	630	162	104	273	22:38	75	07:40	3.7	3.01	125
OPG PGPL	414	0	0	226	00:00	0	-	6.01	5.43	226
SEPC(1 * 525)	525	506	267	506	22:00	242	10:14	9.22	8.68	362
ST - CMS(1 * 250)	250	248	168	250	19:12	166	17:58	4.88	4.48	187
TUTICORIN(5 * 210)	1,050	287	453	483	06:19	304	16:28	9.69	8.57	357
Total THERMAL	5,509	2,969	2,453					72.82	49.91	2,080
KADAMPARAI (4 * 100)	400	0	0	103	18:25	3	08:01	0.7	0.7	29
KADAMPARAI (PUMP)(4 * 100)	400	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	1,826	1,185	1,028	1,185	03:11	131	06:33	27.82	27.58	1,149
Total HYDEL	2,226	1,185	1,028					28.52	28.28	1,178
BASIN BRIDGE (NAPTHA)(4 * 30)	120	0	0	0	00:00	0	13:54	0	0	0
KOVIL KALAPPAL (GAS)(1 * 37.8 + 1 * 70)	108	0	0	0	00:00	0	06:24	0	0	0
KUTTALAM (GAS)(1 * 37 + 1 * 64)	101	0	0	0	00:00	0	13:12	0	0	0
MADURAI POWER CL (DIESEL)(1 * 106)	106	0	0	0	00:00	0	13:54	0	0	0
P P NALLUR (NAPTHA)(1 * 330.5)	331	0	0	0	00:00	0	13:54	0	0	0
SAMALPATTY (DIESEL)(7 * 15.1)	106	0	0	0	00:00	0	13:54	0	0	0
VALATTUR(STG1&STG2)(1 * 32 + 1 * 35 + 2 * 60)	187	29	37	71	11:32	33	12:15	1.84	1.71	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	37					1.84	1.71	71
WIND	9,392	3,663	3,167	5,501	15:06	2,377	06:00	91.16	91.16	3,798
SOLAR	9,555	0	0	6,202	12:15	12	06:06	43.1	43.1	1,796
OTHERS	2,029	485	485	485	02:17	450	09:44	4.38	4.38	183
Total TN	30,132	8,331	7,170					241.82	218.54	9,106

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	13:53	0	0	0
NEYVELI TS I EXPN (2 * 210)	420	159	150	169	22:46	134	09:48	3.61	3.41	142
NEYVELI TS II(7 * 210)	1,470	533	520	574	06:14	446	15:04	15.46	11.93	497
NEYVELI TS II EXPN (2 * 250)	500	342	284	355	21:27	176	13:03	7.87	6.61	275
NNTPS(2 * 500)	1,000	937	588	942	20:37	531	10:28	18.35	16.1	671
NTPC-TELANGANA STPP(2*800)	1,600	685	454	685	20:00	0	-	12.16	10.92	455
RAMAGUNDAM(3 * 200 + 4 * 500)	2,600	788	642	945	19:37	509	17:58	17.39	15.81	659
SIMHADRI STAGE I(2 * 500)	1,000	437	496	804	06:27	241	12:36	10.79	9.71	405
SIMHADRI STAGE II(2 * 500)	1,000	434	266	475	22:24	247	10:35	7.81	6.9	288
TALCHER ST2(4 * 500)	2,000	864	888	914	03:55	416	17:59	19.9	18.34	764
Total THERMAL	13,990	5,179	4,288	-	-	-	-	113.34	99.73	4,156
KAIGA STG1(2 * 220)	440	197	190	200	15:07	188	09:39	5.32	4.81	200
KAIGA STG2(2 * 220)	440	427	428	438	15:12	420	12:41	11.44	10.51	438
KUDANKULAM(2 * 1000)	2,000	1,018	1,024	1,030	01:34	1,003	16:46	24.68	23.05	960
MAPS(2 * 220)	440	0	0	0	00:00	41	11:22	0	0	0
Total NUCLEAR	3,320	1,642	1,642	-	-	-	-	41.44	38.37	1,598
Total ISGS	17,310	6,821	5,930					154.78	138.1	5,754

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	654	545	878	19:26	487	17:45	14.29	13.4	558
VALLUR TPS(3 * 500)	1,500	1,285	822	1,367	19:32	743	09:14	21.1	19.25	802
Total THERMAL	2,500	1,939	1,367	-	-	-	-	35.39	32.65	1,360
Total JOINT_VENTURE	2,500	1,939	1,367					35.39	32.65	1,360

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	448	331	541	19:07	295	10:25	9.2	8.48	353
IL&FS(2 * 600)	1,200	556	544	565	20:10	292	09:58	11.92	11.01	459
JINDAL POWER LIMITED (SIMHAPURI UNIT)(4 * 150)	600	344	277	413	19:23	182	11:07	7.02	6.31	263
MEENAKSHI ENERGY LTD STAGE1(2 * 150)	300	132	0	151	19:11	0	06:00	0.03	0.03	1
MEENAKSHI ENERGY LTD STAGE2(2 * 350)	700	0	0	469	00:00	0	-	12.4	11.26	469
SEIL P1(2 * 660)	1,320	1,146	737	1,168	19:43	0	17:58	18.9	17.73	739
SEIL P2 UNIT-1(1 * 660)	660	627	529	632	21:04	313	12:39	12.48	11.79	491
Total THERMAL	5,980	3,253	2,418	-	-	-	-	71.95	66.61	2,775
LKPPL ST2(1 * 133 + 1 * 233)	366	179	0	276	19:14	14	11:57	1.99	1.91	80
LKPPL ST3(2 * 133 + 2 * 233)	732	0	0	0	00:00	0	-	0	0	0
Total GAS/NAPTHA/DIESEL	1,098	179	0	-	-	-	-	1.99	1.91	80
Total REGIONAL_IPP	7,078	3,432	2,418					73.94	68.52	2,855

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	59	58	62	08:38	25	17:49	1.33	1.33	55
GADAG_RSPL_W	175	203	151	171	20:00	203	11:49	4.1	4.1	171
GADAG_VENA_W	133	93	130	107	20:00	0	-	2.57	2.57	107
GREEN INFRA(1 * 249.90)	250	161	195	236	13:52	80	07:04	4.06	4.06	169
HIRIYUR_OSTRO(1 *300.3)	300	0	0	54	00:00	0	08:50	1.3	1.3	54
HIRIYUR_ZREPL_W	66	58	51	65	20:00	0	-	1.56	1.56	65
JSW RENEW ENERGY TWO LTD	300	89	39	208	13:58	4	06:05	2.12	2.12	88
KARUR_JSWRENEW_W	162	132	112	132	20:00	0	-	2.01	2.01	84
KARUR_JSWRETWO_W	150	83	83	122	20:00	0	-	2.94	2.94	123
KOPPAL_AYANASIX_W	300	159	181	183	20:00	0	-	4.39	4.39	183
KOPPAL_KLEIO_W	101	0	0	15	00:00	0	-	0.35	0.35	15
KOPPAL_RENEWOJAS_W	319	0	147	315	13:59	88	07:44	5.1	5.1	213
KOPPAL_RENEWROSHNI_W	291	146	137	249	13:54	92	07:56	4.08	4.08	170
KURNOOL_AMGREEN_W	304	0	0	217	00:00	0	11:47	5.22	5.22	218
MYTRA(1 * 250)	250	122	141	215	13:41	90	06:19	3.61	3.61	150
ORANGE(1 * 200)	200	126	133	179	13:57	0	10:28	3.05	3.05	127
PGLR_SAUPL_W	53	0	0	0	00:00	0	-	0	0	0
PGLR_SREPL(1 * 300)	300	234	207	261	18:08	190	07:46	5.32	5.32	222
TUTICORINJSWRENEW(1 * 51.3)	540	153	164	181	20:00	0	-	4.33	4.33	180
VIVID SOLAIRE (BEETAM)(1 * 220)	220	178	203	215	13:43	140	07:06	4.41	4.41	184
Total RENEWABLE_WIND	4,469	1,996	2,132					61.85	61.85	2,578

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	179	13:42	1	06:07	0.59	0.59	49
ANP_ATHENA BIWADI(1 * 50)	50	0	0	53	12:30	0	06:00	0.18	0.18	15
ANP_ATHENA HISAR(1 * 50)	50	0	0	52	11:09	0	06:00	0.21	0.21	18
ANP_ATHENA KARNAL(1 * 50)	50	0	0	51	11:18	0	06:00	0.25	0.25	21
ANP_AYANA(1 * 250)	250	0	0	178	09:53	1	06:03	0.51	0.51	43
ANP_AZURE(1 * 50)	50	0	0	46	12:00	0	06:05	0.21	0.21	18
ANP_IGS1(1 * 50)	50	0	0	51	11:17	0	06:00	0.25	0.25	21
ANP_IGS2(1 * 50)	50	0	0	51	12:18	0	06:00	0.25	0.25	21
ANP_NTPC(5 * 50)	250	0	0	109	09:59	14	13:53	0.89	0.89	74
ANP_TATA(2 * 50)	100	0	0	98	11:18	0	06:05	0.33	0.33	28
SPRING ANG ITRA(1 * 250)	250	0	0	81	12:31	0	06:00	0.22	0.22	18
PAVAGADA										
PVG_ADYAH(6 * 50)	300	0	0	73	00:00	0	06:00	1.75	1.75	146
PVG_AMPLUS PAVAGADA(1 * 50)	50	0	0	51	10:30	1	06:00	0.35	0.35	29
PVG_AMPLUS TUMKUR(1 * 50)	50	0	0	51	11:14	1	06:00	0.38	0.38	32
PVG_AVAADA SOLAR(3 * 50)	150	0	0	142	10:37	1	06:00	1.07	1.07	89
PVG_AVAADA SOLARISE(3 * 50)	150	0	0	151	12:08	1	06:00	1	1	83
PVG_AZURE POWER EARTH (2 * 50)	100	0	0	76	13:26	1	06:00	0.55	0.55	46
PVG_FORTUM FIN SURYA(2 * 50)	100	0	0	75	13:59	1	06:00	0.55	0.55	46
PVG_IRCON_S	225	0	0	58	00:00	0	-	1.39	1.39	116
PVG_KREDL(1 * 50)	50	0	0	45	10:29	1	06:00	0.35	0.35	29
PVG_PARAMPUJYA(3 * 50)	150	0	0	130	12:10	1	06:00	0.97	0.97	81
PVG_RENEW TN2(1 * 50)	50	0	0	51	12:07	1	06:00	0.36	0.36	30
PVG_SBG ENERGY(4 * 50)	200	0	0	198	12:06	0	06:00	1.46	1.46	122
PVG_SPRING SOLAR INDIA(5 * 50)	250	0	0	146	09:22	1	06:00	0.65	0.65	54
PVG_TATA RENEWABLES(8 * 50)	400	0	0	225	09:20	1	06:00	0.76	0.76	63
PVG_YARROW(1 * 50)	50	0	0	51	13:52	1	06:00	0.35	0.35	29
OTHER										
GADAG_SERENTICA3_S	69	0	0	47	00:00	0	-	1.12	1.12	93
GADAG_VENA_S	31	0	0	8	00:00	0	-	0.18	0.18	15
GRT(1 * 150)	150	0	0	152	11:46	0	06:03	1.34	1.34	112
KOPPAL_KLEIO_S	105	0	0	17	00:00	0	-	0.41	0.41	34
KOPPAL_RENEWOJAS_S	81	0	0	10	00:00	0	11:47	0.23	0.23	19
KOPPAL_SRIIPL_S	188	0	0	46	00:00	0	-	1.11	1.11	93
KURNOOL_AMGREEN_S	599	0	0	0	00:00	0	-	0	0	0
NTPC ETTAYAPURAM SOLAR PLANT	230	0	173	248	11:52	104	13:59	2.96	2.96	247
RAMANGUNDAM (SOLAR)(1 * 100)	100	0	0	83	12:13	0	06:00	0.41	0.41	34
SIMHADRI (SOLAR)(1 * 25)	25	0	0	0	00:00	0	08:49	0	0	0
Total	5,253	0	173					23.59	23.59	1,968

Total ISGS IPP Thermal	22,470	10,371	8,073					220.68	198.99	
STATE THERMAL	28,342	14,212	10,630					299.84	258.44	
Total CPP Import										
Total ISGS & IPP Hydro										
HYDEL	13,487	8,841	7,625	-	-	-	-	196.58	195.38	
GAS/NAPTHA/DIESEL	6,826	208	37	-	-	-	-	4.42	4.17	
NUCLEAR	3,320	1,670	1,673	-	-	-	-	41.44	38.36	
WIND	23,583	10,053	9,812	-	-	-	-	260.6	260.6	
SOLAR	30,643	0	173	-	-	-	-	116.64	116.64	
OTHERS	4,752	657	660	-	-	-	-	24.76	24.76	

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	505	203	725	-	10.62	0	10.62
3	765KV-SRIKAKULAM-ANGUL	1,251	1,296	2,560	-	27.27	0	27.27
4	HVDC500KV-TALCHER-KOLAR_DC	989	1,186	1,970	-	27.48	0	27.48
Sub-Total EAST REGION		2,745	2,685	5,255	0	65.37	0	65.37
Import/Export between SOUTH REGION and WEST REGION								
1	220KV-AMBEWADI-PONDA	0	0	-	-	0	0	0
2	220KV-AMBEWADI-XELDEM	91	81	-	108	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	319	319	322	-	0	7.49	-7.49
7	400KV-KUDGI_PG-KHOLAPUR_PG	1,280	1,162	-	1,997	0	30.58	-30.58
8	765KV-NIZAMABAD-WARDHA	501	755	2,490	-	19.47	0	19.47
9	765KV-RAICHUR_PG-SHOLAPUR	1,233	862	-	2,120	0	19.89	-19.89

10	765KV-WARANGAL(NEW)-WARORA	568	745	2,499	-	19.84	0	19.84
11	HVDC800KV-RAIGARH HVDC-PUGALUR HVDC	277	301	750	-	4.86	0	4.86
Sub-Total WEST REGION		4,269	4,225	6,061	4,225	44.17	60.15	-15.98
TOTAL IR EXCHANGE		7,014	6,910	11,316	4,225	109.54	60.15	49.39

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	-9.02	-4.31	0	0.26	0	0	-25.33	47.023	72.353
SR-WR	6.34	-13.73	-0.4	20.44	0	31.59	57.97	-15.981	-73.951
Total	-2.68	-18.04	-0.4	20.7	0	31.59	32.64	31.042	-1.598

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	1.979	8.646	65.914	54.363	25.44

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

Maximum		Minimum		Average Frequency	Freq Variation Index	Standard Deviation	Freq. in 15 mnt blk	
Frequency	Time	Frequency	Time				Max.	Min.
50.322	15:03:10	49.506	16:44:10	50.003	0.082	0.091	50.21	49.61

6.Voltage Profile: 400kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 380	< 390	> 420	> 430
GHANAPUR - 400KV	424	00:0	397	09:3	0	0	12.708	0
GOOTY - 400KV	420	00:0	395	09:1	0	0	0	0
HIRIYUR - 400KV	422	00:0	397	10:1	0	0	15.278	0
KAIGA - 400KV	422	23:5	397	10:1	0	0	1.389	0
KOLAR_AC - 400KV	424	03:0	394	09:2	0	0	19.167	0
KUDANKULAM - 400KV	413	00:0	403	10:2	0	0	0	0
SHANKARAPALLY - 400KV	415	00:2	405	21:0	0	0	0	0
SOMANAHALLI - 400KV	420	02:4	392	10:1	0	0	.903	0
SRIPERUMBADUR - 400KV	415	03:2	398	10:0	0	0	0	0
TRICHY - 400KV	415	03:2	398	10:0	.069	.069	49.444	18.264
TRIVANDRUM - 400KV	417	02:4	397	09:3	0	0	0	0
VIJAYAWADA - 400KV	403	01:2	391	09:1	0	0	0	0

6.1 Voltage Profile: 220kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 198	< 210	> 235	> 245
GHANAPUR - 220KV	236	00:00	236	00:00	0	0	6.458	0
GOOTY - 220KV	229	00:52	229	00:52	0	0	0	0
HIRIYUR - 220KV	230	23:55	214	10:16	0	0	0	0
KAIGA - 220KV	238	23:59	224	10:19	0	0	7.639	0
KOLAR_AC - 220KV	232	03:02	214	09:13	0	0	0	0
SOMANAHALLI - 220KV	227	02:41	207	10:11	0	12.361	0	0
SRIPERUMBADUR - 220KV	236	02:41	226	07:24	0	0	17.361	0
TRICHY - 220KV	229	00:00	220	09:36	0	0	0	0
TRIVANDRUM - 220KV	230	03:23	221	20:49	0	0	0	0
VIJAYAWADA - 220KV	229	01:02	229	01:02	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	23:59	746	09:17	0	3.96	26.46	0
NIZAMABAD - 765KV	801	00:00	750	06:21	0	1.6	78.54	6.32
RAICHUR_PG - 765KV	790	01:25	754	09:13	0	0	56.46	0
SRIKAKULAM - 765KV	783	01:02	752	06:06	0	0	11.67	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	1,491	0	1,266	10.76	6.38	0	0
IDUKKI	694.94	732.43	2,148	725.93	1,657	722.62	1,419	29.92	8.08	0	0
JALAPUT	818.39	838.4	534	837.56	502	836.92	469	16.17	2.31	0	0
N.SAGAR	155.45	179.9	1,398	178.73	939	179.53	976	16.73	19.58	0	0
SRISAILAM	243.84	270.7	1,392	268.96	946	269.6	1,012	29.17	32.21	0	0
SUPA	495	564	3,159	559.4	2,744	560.6	2,849	23.26	11.77	0	0
LINGANAMAKKI	522.73	554.5	4,557	553.97	4,407	553.97	4,407	55.12	18.33	0	0
KAKKI	908.3	981.45	916	976.34	727	968.07	502	7.4	5.83	0	0
TOTAL	-	-	15,608	-	13,413	-	12,900	188.53	111.24	0	0

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	-208.56	-12.61	120.5	0	154.03	0	0	0	0	0	0	0	0
KARNATAKA	-630.93	-97.34	-15.17	0	-24.56	0	0	0	0	0	0	0	0
KERALA	-246	0	-8.25	0	79.18	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	0	0	0	0	0	0	0	0	0	0	0
TAMILNADU	-25	43.56	105.14	0	-197.23	0	0	0	0	0	0	0	0
TELANGANA	15.88	-0.5	991.84	0	1,567.61	0	0	0	0	0	0	0	0
TOTAL	-1,094.61	-66.89	1,194.06	0	1,579.03	0	0	0	0	0	0	0	0

State	Peak Hours (20:00)												
	T-GNA Bilateral (MW)	IEX GDAM (MW)	IEX DAM (MW)	IEX HPDAM (MW)	IEX RTM (MW)	PXIL GDAM (MW)	PXIL DAM (MW)	PXIL HPDAM (MW)	PXI RTM (MW)	HPX GDAM (MW)	HPX DAM (MW)	HPX HPDAM (MW)	HPX RTM (MW)
AP	-220.18	-11.2	148.42	0	335.13	0	0	0	0	0	0	0	0
KARNATAKA	-630.93	-61.91	-147.41	0	-43.97	0	123.61	0	0	0	0	0	0
KERALA	-96	0	80.58	0	315.3	0	0	0	0	0	0	0	0
PONDICHER ..	0	12.41	0.04	0	0	0	0	0	0	0	0	0	0
TAMILNADU	1,648.43	42.95	-49	0	689.31	0	0	0	0	0	0	0	0
TELANGANA	7.7	-0.6	64.68	0	471.27	0	0	0	0	0	0	0	0
TOTAL	709.02	-18.35	97.31	0	1,767.04	0	123.61	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	28.89	-4.54	0.83	3.84	0	3.36	32.38
KARNATAKA	39.74	-13.6	-3.03	0.76	0	-0.82	23.05
KERALA	37.52	-2.97	0.4	0.78	0	4.85	40.58
PONDICHERY	9.82	0.08	0.13	0	0	-0.84	9.19
TAMILNADU	133.87	11	2.26	-9.37	0	-2.94	134.82
TELANGANA	51.2	1.17	0.74	26.06	0	28.69	107.86
TOTAL	301.04	-8.86	1.33	22.07	0	32.3	347.88

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	1,692.78	579.62	-140.67	-228.32	96.09	-14.2	0	0	0	0	592.09	-5.56	0	0
KARNATAKA	3,200.58	853.76	-412.11	-630.93	-43.77	-346.9	0	0	0	0	858.71	-199.2	169.61	0
KERALA	2,075.81	1,124.08	-69.53	-246	38.84	0	0	0	0	0	211.46	-9.7	0	0
PONDICHERY	488.78	329.47	13.97	0	58.79	0	0	0	0	0	0.42	0	0	0
TAMILNADU	6,393.16	4,024.58	2,263.65	-25	185.7	0	0	0	0	0	768.78	-1890.34	0	0
TELANGANA	3,518.37	1,003.35	136.04	7.7	70.52	-0.6	0	0	0	0	2880.02	-453.81	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	359.15	-71.28	0	0	0	0
KARNATAKA	0	0	0	0	0	0	0	0	147.4	-214.2	0	0	0	0
KERALA	0	0	0	0	0	0	0	0	479.44	-8.7	0	0	0	0
PONDICHER ..	0	0	0	0	0	0	0	0	12.53	-111	0	0	0	0
TAMILNADU	0	0	0	0	0	0	0	0	1,222.09	-1,245.32	0	0	0	0
TELANGANA	0	0	0	0	0	0	0	0	3,667.02	-1,240.06	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

12.Constraints and instances of congestion in the transmission system

1) 400kV Somanahalli Mylasandra 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
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)Due to S/D of Madakathara ICT-1, S3 import TTC/ATC curtailed by 300MW from 36 to 72 time block

13. Weather Condition:

Karnataka: Heavy rains reported in south interior Karnataka and Bangalore area.
Tamilnadu: Light rains reported entire state.
Telangana: Moderate rains reported in entire state.
Andhra Pradesh: Light rains reported in EPDCL area, Kurnool, Kadapa and Tirupati districts.

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	1	1	1	4	0	0	0	0	0	0
KARNATAKA	0	0	0	0	0	9	0	0	6	2	0	0
KERALA	0	0	0	0	0	0	0	0	0	0	0	0
TAMILNADU	0	0	0	0	1	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	4	24	0	0	0	0	0	0

REMARKS:

Shift In Charge