

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 #
45,662	0	45,662	50.05	37,531	0	37,531	49.99	1,078.37	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	108.28	24.7	0	47.38	4.03	3.08	22.41	20.37	-2.04	209.88	207.84	0
KARNATAKA	67.5	47.26	5.29	47.38	13.13	11.8	38.98	37.32	-1.66	231.34	229.68	0
KERALA	0	32.81	0	0.76	0.92	0.3	50.78	49.68	-1.1	85.57	84.47	0
PONDICHERRY	0	0	0.59	0	0.05	0	9.5	9.55	0.05	10.14	10.19	0
TAMILNADU	65.94	19.7	3.42	102.86	43.1	5.45	127.06	120.42	-6.64	367.54	360.9	0
TELANGANA	90.36	39.76	0	1.27	6.36	4.85	42.74	42.69	-0.05	185.34	185.29	0
Region	332.08	164.23	9.3	199.65	67.59	25.48	291.47	280.03	-11.44	1,089.81	1,078.37	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	9,004	0	9,004	8,194	0	8,194	8,713	203	4.84
KARNATAKA	8,452	0	8,452	6,483	0	6,483	9,526	237.76	-8.08
KERALA	4,140	0	4,140	2,957	0	2,957	-	87.19	-2.73
PONDICHERRY	460	0	460	349	0	349	404	9.66	0.53
TAMILNADU	15,956	0	15,956	13,049	0	13,049	15,523	389	-28.1
TELANGANA	7,650	0	7,650	6,499	0	6,499	7,852	196	-10.71
Region	45,662	0	45,662	37,531	0	37,531	42,018	1,122.61	-44.25

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	9,560	09:26	0	9,560	9,560	09:26	0	9,560	1,073.02	05:50	-686.39	22:41
KAR	12,436	10:00	0	12,436	12,436	10:00	0	12,436	541.78	12:03	-1,281.66	10:01
KER	4,307	19:00	0	4,307	4,307	19:00	0	4,307	452.23	19:46	-420.57	16:44
PONDY	477	18:30	0	477	477	18:30	0	477	44.29	11:02	-43.78	20:11
TN	17,203	18:30	0	17,203	17,203	18:30	0	17,203	2,687.99	09:01	-868.77	16:15
TG	9,280	08:55	0	9,280	9,280	-	0	9,280	576.44	14:02	-921.2	08:17
Region	51,363	16:41:30	0	51,363	51,363	16:41:30	0	51,363	2,249.39	01:51	-2,004.01	11:12

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	928	578	960	20:01	565	14:35	15.57	14.52	605	
KRISHNAPATTANAM (3 * 800)	2,400	1,483	1,322	1,532	19:14	1,140	09:34	32.65	30.56	1,273	
RAYALASEEMA TPP(1 * 600 + 5 * 210)	1,650	916	905	1,013	13:21	865	16:47	24.16	21.45	894	
SEIL P2 UNIT-2(1 * 660)	660	624	624	631	17:56	329	11:21	14.09	13.34	556	
VIJAYAWADA TPS(1 * 800 + 1 * 500 + 6 * 210)	2,560	1,161	1,028	1,342	09:12	1,153	15:26	31.82	28.41	1,184	
OTHER THERMAL	0	0	0	0	00:00	0	-	-	-	-	
Total THERMAL	8,310	5,112	4,457	-	-	-	-	118.29	108.28	4,512	
HAMPI	36	0	0	25	00:00	0	-	0.61	0.61	25	
LOWER SILERU(4 * 115)	460	13	13	180	00:16	13	06:20	4.33	4.32	180	
SRISAILAM RBPH(7 * 110)	770	562	635	642	17:38	554	17:58	15.02	14.98	624	
UPPER SILERU(4 * 60)	240	158	0	163	16:36	3	16:52	0.8	0.8	33	
OTHER HYDEL	431	496	264	496	00:00	0	-	4	3.99	166	
Total HYDEL	1,937	1,229	912	-	-	-	-	24.76	24.7	1,028	
GAUTAMI CCPP(1 * 174 + 2 * 145)	464	0	0	0	00:00	0	09:21	0	0	0	
GMR (BARG)(1 * 237)	237	0	0	0	00:00	0	09:21	0	0	0	
JEGURUPADU (GAS)(1 * 49.9 + 1 * 75.5 + 2 * 45.8)	217	0	0	0	00:00	0	06:20	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	06:20	0	0	0	
LANCO (GAS)(1 * 121 + 2 * 115)	351	0	0	0	00:00	0	06:20	0	0	0	
RELIANCE ENERGY LTD. (GAS)(1 * 140 + 1 * 80)	220	0	0	0	00:00	0	06:20	0	0	0	
SPECTRUM (GAS)(1 * 46.8 + 1 * 68.8 + 2 * 46.1)	208	0	0	0	00:00	0	06:20	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	06:20	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	1,825	1,835	2,803	14:48	887	16:41	47.38	47.38	1,974
SOLAR	3,356	0	0	1,575	16:41	9	17:59	4.03	4.03	168
OTHERS	619	93	98	128	00:16	81	06:20	3.08	3.08	128
Total AP	21,342	8,259	7,302	-	-	-	-	197.54	187.47	7,810

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	229	426	821	16:41	141	11:02	7.07	6.08	253
KAKATIYA ST1&ST2(1 * 500 + 1 * 600)	1,100	990	626	1,027	20:46	553	16:41	20.02	18.89	787
KOTHAGUEDEM TPS(1 * 500 + 1 * 800 + 2 * 250)	1,800	1,339	1,005	1,444	16:41	576	16:41	28.01	26.04	1,085
RAMAGUNDAM-B(1 * 62.5)	63	0	0	0	00:00	0	06:19	0	0	0
SINGARENI TPS(2 * 600)	1,200	1,145	796	1,213	00:55	652	08:53	21.18	19.79	825
YADADRI(2 * 800)	1,600	792	872	1,057	16:41	831	17:35	20.99	19.56	815
Total THERMAL	6,843	4,495	3,725					97.27	90.36	3,765
NAGARJUNA SAGAR(1 * 110 + 7 * 100.8)	816	808	823	830	03:10	744	16:41	19.77	19.71	821
NAGARJUNA SAGAR (PUMP)(1 * 110 + 7 * 100.8)	816	0	0	0	00:00	0	-	0	0	0
SRISAILAM LBPH(6 * 150)	900	710	711	713	00:10	680	16:41	17	16.97	707
SRISAILAM LBPH(PUMP)(6 * 150)	900	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	957	92	129	129	00:00	0	06:20	3.11	3.09	129
Total HYDEL	2,673	1,610	1,663					39.88	39.77	1,657
WIND	128	0	0	53	00:00	0	-	1.27	1.27	53
SOLAR	3,818	0	0	2,120	16:41	0	16:43	6.36	6.36	265
OTHERS	252	0	0	202	00:00	0	-	4.85	4.85	202
Total TG	13,714	6,105	5,388					149.63	142.61	5,942

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	803	554	862	16:41	523	16:41	17.2	16.03	668
JINDAL(2 * 130 + 4 * 300)	1,460	0	0	184	22:45	0	-	16.5	15.14	43
JINDAL (EXCL. CAPTIVE CONSUMPTION)(2 * 130 + 4 * 300)	1,460	35	46	184	22:45	0	06:26	1.03	1.03	43
RAICHUR TPS(1 * 250 + 7 * 210)	1,720	937	760	953	18:12	709	13:35	21.71	19.48	812
UPCL(2 * 600)	1,200	544	302	607	16:41	287	16:41	9.23	8.57	357
YERAMARAS TPS(2 * 800)	1,600	1,113	870	1,237	11:07	812	13:13	24	22.4	933
Total THERMAL	7,680	3,432	2,532	-	-	-	-	73.17	67.51	2,225
NAGJHERI(1 * 135 + 5 * 150)	885	458	423	698	08:06	97	17:59	10.41	10.28	428
SHARAVATHI(10 * 103.5)	1,035	353	515	890	06:37	231	17:15	15.07	14.96	623
VARAHI UGPH(4 * 115)	460	55	58	461	10:09	34	16:41	3.64	3.58	149
OTHER HYDEL	2,137	1,010	596	1,010	00:11	612	08:08	18.44	18.44	768
Total HYDEL	4,517	1,876	1,592	-	-	-	-	47.56	47.26	1,968
OTHER GAS/NAPTHA/DIESEL	126	0	0	220	00:00	1	06:20	5.29	5.29	220
Total GAS/NAPTHA/DIESEL	126	0	0	-	-	-	-	5.29	5.29	220
WIND	5,440	1,919	1,854	2,412	21:56	1,078	16:41	47.38	47.38	1,974
SOLAR	6,571	0	0	411,551,424	16:41	0	06:00	13.13	13.13	547
OTHERS	1,832	95	95	1,039	10:25	55	16:41	11.8	11.8	1,039
Total KAR	26,166	7,322	6,073	-	-	-	-	198.33	192.37	7,973

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	408	637	645	22:33	34	16:41	9.7	9.67	403
LOWER PERIYAR (3 * 60)	180	169	169	170	20:35	0	16:41	4.04	4.03	168
SABARIGIRI(2 * 60 + 4 * 55)	340	226	167	230	11:22	89	16:41	4.98	4.96	207
OTHER HYDEL	834	600	515	600	01:48	175	08:17	14.14	14.14	589
Total HYDEL	2,134	1,403	1,488	-	-	-	-	32.86	32.8	1,367
BRAHMAPURAM DGPP (DIESEL)(3 * 21.32)	64	0	0	0	00:00	3	16:41	0	0	0
BSES (NAPTHA)(1 * 35.5 + 3 * 40.5)	157	0	0	0	00:00	0	06:20	-	-	-
KOZHICODE DPP (DIESEL)(6 * 16)	96	0	0	0	00:00	0	06:20	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	07:11	0	0	0
OTHER GAS/NAPTHA/DIESEL	22	0	0	0	00:00	0	06:20	-	-	-
Total GAS/NAPTHA/DIESEL	709	0	0	-	-	-	-	0	0	0
WIND	70	0	0	32	00:00	0	-	0.76	0.76	32
SOLAR	1,988	0	0	38	00:00	0	-	0.92	0.92	38
OTHERS	20	0	0	12	00:00	0	-	0.3	0.3	13
Total KER	4,921	1,403	1,488	-	-	-	-	34.84	34.78	1,450

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	762	754	1,079	23:38	690	17:54	18.92	17.21	717
NCTPS STG3(Infirm - 800 MW)	0	0	0	0	00:00	0	-	0	0	0
NORTH CHENNAI TPS STG-II(2 * 600)	1,200	609	618	762	17:02	562	10:40	17.59	16.17	674
NORTH CHENNAI TPS(3 * 210)	630	333	188	392	23:55	92	16:41	8.63	7.17	299
OPG PGPL	414	0	0	226	00:00	0	-	5.99	5.43	226
SEPC(1 * 525)	525	255	458	509	16:40	245	09:26	8.93	8.4	350
ST - CMS(1 * 250)	250	168	248	253	07:37	164	16:43	4.99	4.59	191
TUTICORIN(5 * 210)	1,050	290	293	329	05:57	0	14:00	7.84	6.98	291
Total THERMAL	5,509	2,417	2,559					72.89	65.95	2,748
KADAMPARAI (4 * 100)	400	0	0	101	16:41	4	07:55	0.15	0.14	6
KADAMPARAI (PUMP)(4 * 100)	400	0	0	28	00:00	0	-	0.67	0.67	28
OTHER HYDEL	1,826	552	862	862	05:25	44	06:47	19.74	19.56	815
Total HYDEL	2,226	552	862					20.56	19.7	821
BASIN BRIDGE (NAPTHA)(4 * 30)	120	0	0	0	00:00	0	06:15	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	87	62	89	19:23	20	16:41	1.75	1.63	68
MADURAI POWER CL (DIESEL)(1 * 106)	106	0	0	0	00:00	0	06:20	0	0	0
P P NALLUR (NAPTHA)(1 * 330.5)	331	0	0	0	00:00	0	06:20	0	0	0
SAMALPATTY (DIESEL)(7 * 15.1)	106	0	0	0	00:00	0	06:20	0	0	0
VALATTUR(STG1&STG2)(1 * 32 + 1 * 35 + 2 * 60)	187	35	41	75	10:15	36	17:56	1.92	1.79	75
OTHER GAS/NAPTHA/DIESEL	166	0	0	0	00:00	0	06:00	0	0	0
OTHER GAS/NAPTHA/DIESEL	196	0	0	0	00:00	0	-	0	0	0
Total GAS/NAPTHA/DIESEL	1,421	122	103					3.67	3.42	143
WIND	9,392	4,691	3,483	5,603	15:21	2,891	06:22	102.86	102.86	4,286
SOLAR	9,555	0	0	6,158	10:05	9	06:00	43.1	43.1	1,796
OTHERS	2,029	459	458	459	00:16	458	06:15	5.45	5.45	227
Total TN	30,132	8,241	7,465					248.53	240.48	10,021

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	2,223	1,355	2,359	19:50	892	16:40	34.91	32.54	1,356
NEYVELI TS I EXPN (2 * 210)	420	161	159	166	15:38	140	16:39	3.78	3.55	148
NEYVELI TS II(7 * 210)	1,470	695	684	777	12:36	465	16:41	19.64	15.99	666
NEYVELI TS II EXPN (2 * 250)	500	330	285	355	16:41	340	16:41	8.79	7.46	311
NNTPS(2 * 500)	1,000	784	739	933	16:41	536	16:41	18.28	16.22	676
NTPC-TELANGANA STPP(2*800)	1,600	1,450	817	1,450	20:00	0	-	28.7	26.64	1,110
RAMAGUNDAM(3 * 200 + 4 * 500)	2,600	1,584	1,120	1,628	19:19	811	16:41	32.81	29.77	1,240
SIMHADRI STAGE I(2 * 500)	1,000	921	508	935	20:57	487	16:58	17.31	15.94	664
SIMHADRI STAGE II(2 * 500)	1,000	901	534	950	20:59	7	16:41	17.25	16.03	668
TALCHER ST2(4 * 500)	2,000	1,305	1,204	1,323	20:43	775	16:34	30.11	27.94	1,164
Total THERMAL	13,990	10,354	7,405	-	-	-	-	211.58	192.08	8,003
KAIGA STG1(2 * 220)	440	192	191	201	12:54	185	11:41	5.3	4.78	199
KAIGA STG2(2 * 220)	440	428	423	436	13:04	420	12:34	11.39	10.46	436
KUDANKULAM(2 * 1000)	2,000	1,021	1,015	1,033	16:41	1,003	13:16	24.47	23.06	961
MAPS(2 * 220)	440	0	0	0	00:00	27	16:40	0	0	0
Total NUCLEAR	3,320	1,641	1,629	-	-	-	-	41.16	38.3	1,596
Total ISGS	17,310	11,995	9,034					252.74	230.38	9,599

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	894	527	964	20:48	483	16:41	16.06	15.16	632
VALLUR TPS(3 * 500)	1,500	1,344	543	1,417	23:01	0	16:41	22.17	20.32	847
Total THERMAL	2,500	2,238	1,070	-	-	-	-	38.23	35.48	1,479
Total JOINT_VENTURE	2,500	2,238	1,070					38.23	35.48	1,479

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	831	683	864	21:12	425	16:41	18.29	16.99	708
IL&FS(2 * 600)	1,200	567	541	567	19:59	296	10:58	12.62	11.73	489
JINDAL POWER LIMITED (SIMHAPURI UNIT)(4 * 150)	600	543	308	557	19:00	194	16:41	9.17	8.17	340
MEENAKSHI ENERGY LTD STAGE1(2 * 150)	300	0	0	0	00:00	52	15:53	0	0	0
MEENAKSHI ENERGY LTD STAGE2(2 * 350)	700	0	0	146	00:00	0	-	3.84	3.5	146
SEIL P1(2 * 660)	1,320	1,250	1,123	1,261	00:57	501	09:07	23.3	21.91	913
SEIL P2 UNIT-1(1 * 660)	660	623	542	632	20:46	304	16:41	13.67	12.97	540
Total THERMAL	5,980	3,814	3,197	-	-	-	-	80.89	75.27	3,136
LKPPL ST2(1 * 133 + 1 * 233)	366	0	0	0	00:00	4	16:34	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	3,814	3,197					80.89	75.27	3,136

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	78	68	81	14:27	19	16:41	1.7	1.7	71
GADAG_RSPL_W	175	77	164	149	20:00	209	16:41	3.57	3.57	149
GADAG_VENA_W	133	126	104	126	20:00	0	-	2.54	2.54	106
GREEN INFRA(1 * 249.90)	250	232	242	245	02:46	33	16:41	4.24	4.24	177
HIRIYUR_OSTRO(1 *300.3)	300	0	0	217	00:00	0	09:00	5.2	5.2	217
HIRIYUR_ZREPL_W	66	42	39	47	20:00	0	-	1.12	1.12	47
JSW RENEW ENERGY TWO LTD	300	282	195	285	20:16	28	16:41	5.55	5.55	231
KARUR_JSWRENEW_W	162	146	118	146	20:00	0	-	3.01	3.01	125
KARUR_JSWRETWO_W	150	84	84	84	20:00	0	-	1.99	1.99	83
KOPPAL_AYANASIX_W	300	68	234	167	20:00	0	-	4.01	4.01	167
KOPPAL_KLEIO_W	101	0	0	34	00:00	0	-	0.82	0.82	34
KOPPAL_RENEWOJAS_W	319	0	218	294	16:41	74	11:13	4.08	4.08	170
KOPPAL_RENEWROSHNI_W	291	76	117	234	16:41	53	10:48	2.86	2.86	119
KURNOOL_AMGREEN_W	304	0	0	222	00:00	0	06:20	5.33	5.33	222
MYTRA(1 * 250)	250	198	174	220	19:10	80	16:40	4.52	4.52	188
ORANGE(1 * 200)	200	162	178	183	19:22	23	16:41	3.05	3.05	127
PGLR_SAUPL_W	53	0	31	41	03:00	0	-	0.98	0.98	41
PGLR_SREPL(1 * 300)	300	248	160	260	21:54	91	07:53	3.81	3.81	159
TUTICORINJSWRENEW(1 * 51.3)	540	292	248	437	20:00	0	-	10.48	10.48	437
VIVID SOLAIRE (BEETAM)(1 * 220)	220	196	218	222	18:48	84	16:41	4.29	4.29	179
Total RENEWABLE_WIND	4,469	2,307	2,592					73.15	73.15	3,049

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	174	16:41	1	06:01	0.82	0.82	68
ANP_ATHENA BIWADI(1 * 50)	50	0	0	35	16:41	0	10:13	0.13	0.13	11
ANP_ATHENA HISAR(1 * 50)	50	0	0	50	16:40	0	06:00	0.13	0.13	11
ANP_ATHENA KARNAL(1 * 50)	50	0	0	48	16:39	0	06:00	0.13	0.13	11
ANP_AYANA(1 * 250)	250	0	0	173	16:41	1	06:01	0.78	0.78	65
ANP_AZURE(1 * 50)	50	0	0	28	13:16	0	06:04	0.12	0.12	10
ANP_IGS1(1 * 50)	50	0	0	48	16:39	14	12:16	0.13	0.13	11
ANP_IGS2(1 * 50)	50	0	0	36	13:15	0	06:00	0.14	0.14	12
ANP_NTPC(5 * 50)	250	0	0	94	12:47	1	17:49	0.45	0.45	38
ANP_TATA(2 * 50)	100	0	0	69	16:39	0	06:00	0.21	0.21	18
SPRING ANG ITRA(1 * 250)	250	0	0	128	09:55	0	06:04	0.85	0.85	71
PAVAGADA										
PVG_ADYAH(6 * 50)	300	0	0	43	00:00	0	12:02	1.02	1.02	85
PVG_AMPLUS PAVAGADA(1 * 50)	50	0	0	46	13:51	1	06:00	0.19	0.19	16
PVG_AMPLUS TUMKUR(1 * 50)	50	0	0	48	16:38	1	06:00	0.19	0.19	16
PVG_AVAADA SOLAR(3 * 50)	150	0	0	115	16:29	1	06:00	0.53	0.53	44
PVG_AVAADA SOLARISE(3 * 50)	150	0	0	126	13:49	1	06:00	0.57	0.57	48
PVG_AZURE POWER EARTH (2 * 50)	100	0	0	70	16:28	1	06:00	0.3	0.3	25
PVG_FORTUM FIN SURYA(2 * 50)	100	0	0	90	16:34	1	06:00	0.38	0.38	32
PVG_IRCON_S	225	0	0	43	00:00	0	-	1.04	1.04	87
PVG_KREDL(1 * 50)	50	0	0	34	13:10	1	06:00	0.18	0.18	15
PVG_PARAMPUJYA(3 * 50)	150	0	0	123	14:11	1	06:00	0.51	0.51	43
PVG_RENEW TN2(1 * 50)	50	0	0	52	16:12	1	06:00	0.18	0.18	15
PVG_SBG ENERGY(4 * 50)	200	0	0	203	14:03	0	06:01	0.88	0.88	73
PVG_SPRING SOLAR INDIA(5 * 50)	250	0	0	185	13:59	1	06:00	0.93	0.93	78
PVG_TATA RENEWABLES(8 * 50)	400	0	0	238	14:07	1	06:00	1.28	1.28	107
PVG_YARROW(1 * 50)	50	0	0	45	13:41	1	06:00	0.19	0.19	16
OTHER										
GADAG_SERENTICA3_S	69	0	0	5	00:00	0	-	0.11	0.11	9
GADAG_VENA_S	31	0	0	2	00:00	0	-	0.04	0.04	3
GRT(1 * 150)	150	0	0	152	12:00	0	06:00	0.88	0.88	73
KOPPAL_KLEIO_S	105	0	0	7	00:00	0	-	0.16	0.16	13
KOPPAL_RENEWOJAS_S	81	0	0	5	00:00	0	06:20	0.12	0.12	10
KOPPAL_SRIIPL_S	188	0	2	12	00:00	0	-	0.29	0.29	24
KURNOOL_AMGREEN_S	599	0	0	26	00:00	0	-	0.62	0.62	52
NTPC ETTAYAPURAM SOLAR PLANT	230	0	0	248	12:35	0	06:00	1.43	1.43	119
RAMANGUNDAM (SOLAR)(1 * 100)	100	0	0	95	16:41	0	06:00	0.22	0.22	18
SIMHADRI (SOLAR)(1 * 25)	25	0	0	18	16:41	0	16:41	0.03	0.03	3
Total	5,253	0	2					16.16	16.16	1,350

Total ISGS IPP Thermal	22,470	16,406	11,672					330.7	302.83	
STATE THERMAL	28,342	15,456	13,273					361.62	332.1	
Total CPP Import										
Total ISGS & IPP Hydro										
HYDEL	13,487	6,670	6,517	-	-	-	-	165.2	164.23	
GAS/NAPTHA/DIESEL	6,826	122	103	-	-	-	-	9.51	9.3	
NUCLEAR	3,320	1,663	1,649	-	-	-	-	41.16	38.3	
WIND	23,583	10,742	9,764	-	-	-	-	272.8	272.8	
SOLAR	30,643	0	2	-	-	-	-	83.75	83.75	
OTHERS	4,752	647	651	-	-	-	-	25.48	25.48	

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	503	600	518	-	0	13.58	-13.58
3	765KV-SRIKAKULAM-ANGUL	992	1,224	2,315	-	27.91	0	27.91
4	HVDC500KV-TALCHER-KOLAR_DC	1,038	890	1,578	-	24.32	0	24.32
Sub-Total EAST REGION		2,533	2,714	4,411	0	52.23	13.58	38.65
Import/Export between SOUTH REGION and WEST REGION								
1	220KV-AMBEWADI-PONDA	0	0	-	-	0	0	0
2	220KV-AMBEWADI-XELDEM	92	70	-	104	0	1.95	-1.95
3	220KV-CHIKKODI-MUDASANGI	0	0	1	-	-	-	-
4	220KV-CHIKKODI-TALANGADE	-	-	-	-	-	-	-
5	220KV-LOWER_SILERU-BARSUR	-	-	-	-	-	-	-
6	400KV-BHADRAVTAHI-RAMAGUNDAM	931	511	931	-	0	17.15	-17.15
7	400KV-KUDGI_PG-KHOLAPUR_PG	1,989	1,894	-	2,330	0	47.57	-47.57
8	765KV-NIZAMABAD-WARDHA	557	268	1,289	-	0	1.53	-1.53
9	765KV-RAICHUR_PG-SHOLAPUR	2,001	1,626	-	2,439	0	35.26	-35.26

10	765KV-WARANGAL(NEW)-WARORA	191	114	976	1	1.33	0	1.33
11	HVDC800KV-RAIGARH HVDC-PUGALUR HVDC	1,052	907	2,223	-	0	41.71	-41.71
Sub-Total WEST REGION		6,813	5,390	5,420	4,874	1.33	145.17	-143.84
TOTAL IR EXCHANGE		9,346	8,104	9,831	4,874	53.56	158.75	-105.19

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	13.91	-6.79	0	0.08	0	-0.14	-24.72	10.71	35.43
SR-WR	-6.5	-20.65	2.6	-36.66	0	-23.27	-96.1	-143.837	-47.737
Total	7.41	-27.44	2.6	-36.58	0	-23.41	-120.82	-133.127	-12.307

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	2.847	85.764	47.986	11.389

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

Maximum		Minimum		Average Frequency	Freq Variation Index	Standard Deviation	Freq. in 15 mnt blk	
Frequency	Time	Frequency	Time				Max.	Min.
50.248	13:00:10	49.839	20:36:00	49.997	0.024	0.049	50.11	49.88

6.Voltage Profile: 400kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 380	< 390	> 420	> 430
GHANAPUR - 400KV	424	02:24	410	16:39	0	0	30.833	0
GOOTY - 400KV	420	01:48	404	09:23	0	0	0	0
HIRIYUR - 400KV	425	23:30	403	09:59	0	0	26.458	0
KAIGA - 400KV	418	16:53	393	09:50	0	0	0	0
KOLAR_AC - 400KV	423	04:30	393	09:30	0	0	17.292	0
KUDANKULAM - 400KV	414	22:56	393	09:37	0	0	0	0
SHANKARAPALLY - 400KV	415	04:00	408	09:07	0	0	0	0
SOMANAHALLI - 400KV	420	23:26	390	09:54	0	0	0	0
SRIPERUMBADUR - 400KV	412	03:56	397	09:52	0	0	0	0
TRICHY - 400KV	416	22:01	394	10:17	0	0	0	0
TRIVANDRUM - 400KV	421	22:57	395	09:36	0	0	2.778	0
VIJAYAWADA - 400KV	405	02:21	398	09:17	0	0	0	0

6.1 Voltage Profile: 220kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 198	< 210	> 235	> 245
GHANAPUR - 220KV	237	02:02	226	16:42	0	0	24.792	0
GOOTY - 220KV	228	02:25	219	09:54	0	0	0	0
HIRIYUR - 220KV	226	23:30	213	09:19	0	0	0	0
KAIGA - 220KV	236	23:31	221	09:52	0	0	4.653	0
KOLAR_AC - 220KV	231	23:25	215	09:42	0	0	0	0
SOMANAHALLI - 220KV	227	02:01	208	09:42	0	5.278	0	0
SRIPERUMBADUR - 220KV	0	00:00	0	00:00	N/A	N/A	N/A	N/A
TRICHY - 220KV	230	21:11	219	09:32	0	0	0	0
TRIVANDRUM - 220KV	232	23:01	217	09:38	0	0	0	0
VIJAYAWADA - 220KV	231	02:23	227	18:39	0	0	0	0

6.2 Voltage Profile: 765kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 720	< 750	> 780	> 800
KURNOOL - 765KV	789	03:59	766	18:25	0	0	28.82	0
NIZAMABAD - 765KV	796	01:24	775	18:20	0	0	94.17	0
RAICHUR_PG - 765KV	790	03:56	766	18:23	0	0	38.75	0
SRIKAKULAM - 765KV	787	13:00	765	07:30	0	0	37.36	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	1,429	0	1,291	6.05	9.67	175.97	200.29
IDUKKI	694.94	732.43	2,148	725.49	1,620	723.35	1,471	13.88	8.92	188.18	236.21
JALAPUT	818.39	838.4	534	837.64	506	837.58	502	0.03	2.45	64.52	51.96
N.SAGAR	155.45	179.9	1,398	178.92	956	179.5	974	120.2	19.7	1,458.25	491.87
SRISAILAM	243.84	270.7	1,392	268.89	940	266.94	761	114.94	31.96	1,699.8	805.69
SUPA	495	564	3,159	559.58	2,760	562.72	3,040	3.25	13.9	157.7	355.32
LINGANAMAKKI	522.73	554.5	4,557	553.52	4,257	553.97	4,407	10.1	15.64	378.23	445.07
KAKKI	908.3	981.45	916	975.32	694	969.93	547	13.63	4.76	99.44	128.43
TOTAL	-	-	15,608	-	13,162	-	12,993	282.08	109.89	4,222.09	2,835.55

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	-218.83	-13.32	57.3	0	87.56	0	0	0	0	0	0	0	0
KARNATAKA	-629.77	-110.37	14.91	0	-32.8	0	0	0	0	0	0	0	0
KERALA	-245.6	0	-10.4	0	27.48	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	0	0	-9	0	0	0	0	0	0	0	0
TAMILNADU	-25	59.13	198.67	0	-936.49	0	0	0	0	0	0	0	0
TELANGANA	-38.24	-0.6	-1,325.81	0	-602.6	0	0	0	0	0	0	0	0
TOTAL	-1,157.44	-65.16	-1,065.33	0	-1,465.85	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	-228.12	-11.8	-307.7	0	322.38	0	0	0	0	0	0	0	0
KARNATAKA	-1,229.77	-199.97	-111.14	0	-48.8	0	0	0	0	0	0	0	0
KERALA	-95.6	0	-7.89	0	370.87	0	0	0	0	0	0	0	0
PONDICHER ..	0	17.86	17.97	0	0	0	0	0	0	0	0	0	0
TAMILNADU	1,805.77	17.43	206.26	0	-363.1	0	0	0	0	0	0	0	0
TELANGANA	-114.82	-0.7	-2,654.81	0	501.12	0	0	0	0	0	0	0	0
TOTAL	137.46	-177.18	-2,857.31	0	782.47	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	28.78	-4.58	0.69	-2.22	0	-0.26	22.41
KARNATAKA	58.79	-15.61	-3.11	0.16	0	-1.25	38.98
KERALA	46.27	-2.94	0.45	3.33	0	3.67	50.78
PONDICHERY	9.27	0.13	0.22	0.05	0	-0.17	9.5
TAMILNADU	146.19	8.62	2.76	-7.61	0	-22.9	127.06
TELANGANA	73.19	-0.05	1.63	-29.56	0	-2.47	42.74
TOTAL	362.49	-14.43	2.64	-35.85	0	-23.38	291.47

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	2,001.44	535.74	-132.16	-230.52	147.72	-13.35	0	0	0	0	283.71	-1065.59	0	0
KARNATAKA	4,005.98	1,325.67	-427.56	-1,229.77	-32.31	-412.87	0	-3.5	0	0	52.68	-124.61	0	0
KERALA	2,579.93	1,658.12	-65.93	-245.6	53.94	0	0	0	0	0	475.66	-10.4	0	0
PONDICHERY	476.73	327.75	14.02	0	74.44	0	0	0	0	0	32.95	0	0	0
TAMILNADU	7,263.99	4,544.52	2,483.13	-25	264.68	0	0	0	0	0	916.44	-1836.87	0	0
TELANGANA	3,916.02	2,268.26	130.95	-115.82	230.17	-0.7	0	0	0	0	6.81	-3304.81	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	366.36	-623.7	0	0	0	0
KARNATAKA	0	0	0	0	0	0	0	0	-20.2	-349.82	0	-50	0	0
KERALA	0	0	0	0	0	0	0	0	598.72	-1.5	0	0	0	0
PONDICHER ..	0	0	0	0	0	0	0	0	74.71	-50	0	0	0	0
TAMILNADU	0	0	0	0	0	0	0	0	508.72	-3,454.73	0	0	0	0
TELANGANA	0	0	0	0	0	0	0	0	816.55	-1,102.3	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):

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 28, 2025.
3) 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).
4) 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: Rains reported in Kurnool and EPDCL areas. Karnataka: Rains reported in Gulbarga, Bellary, Raichur areas. Telangana: Rains reported in isolated places of Northern Telangana areas.

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	
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	0	0	0	0	0	0	0	0	0	0	0
KARNATAKA	0	0	0	0	0	0	0	0	0	0	0	0
KERALA	0	0	0	0	0	0	0	0	0	0	0	0
TAMILNADU	3	2	0	1	0	0	0	0	0	0	0	0
PONDICHERRY	0	0	0	0	0	0	0	0	0	0	0	0
TELANGANA	0	0	0	0	0	0	0	0	0	0	0	0

REMARKS:

Shift In Charge