

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 #
48,518	0	48,518	50.06	39,072	0	39,072	49.99	1,118.08	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	111.14	23.75	0	32.94	9.12	3.11	28.25	26.72	-1.53	208.3	206.78	0
KARNATAKA	71.42	52.26	3.43	34.2	24.65	12.53	39.46	37.12	-2.34	237.94	235.59	0
KERALA	0	28.75	0	0.68	1.31	0.28	55.68	54.19	-1.49	86.71	85.22	0
PONDICHERRY	0	0	0.57	0	0.05	0	9.84	9.69	-0.15	10.45	10.31	0
TAMILNADU	65.47	20.84	3.3	84.21	39.4	4.63	147.53	146.92	-0.62	365.38	364.76	0
TELANGANA	103.64	40.04	0	1.09	14	4.9	51.79	51.75	-0.04	215.46	215.42	0
Region	351.67	165.64	7.3	153.12	88.53	25.45	332.55	326.39	-6.17	1,124.24	1,118.08	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	9,195	0	9,195	8,169	0	8,169	8,623	212	-5.22
KARNATAKA	9,681	0	9,681	6,970	0	6,970	9,804	238.23	-2.64
KERALA	4,359	0	4,359	3,066	0	3,066	3,026	87.19	-1.98
PONDICHERRY	442	0	442	372	0	372	411	10.4	-0.09
TAMILNADU	16,349	0	16,349	13,123	0	13,123	15,799	365	-0.24
TELANGANA	8,492	0	8,492	7,372	0	7,372	9,159	216	-0.58
Region	48,518	0	48,518	39,072	0	39,072	46,822	1,128.82	-10.75

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	9,435	18:48	0	9,435	9,435	18:48	0	9,435	922.25	19:58	-473.94	22:31
KAR	12,404	10:00	0	12,404	12,404	10:00	0	12,404	511.33	20:54	-405.28	18:38
KER	4,480	19:00	0	4,480	4,480	19:00	0	4,480	840.61	11:05	-353.54	17:09
PONDY	466	22:15	0	466	466	22:15	0	466	77.41	19:11	-37.99	00:11
TN	17,515	19:00	0	17,515	17,515	19:00	0	17,515	1,293.02	14:03	-2,191.91	11:05
TG	10,770	08:30	0	10,770	10,770	08:30	0	10,770	587.91	13:00	-474.66	15:29
Region	51,382	11:05:00	0	51,382	51,382	11:05:00	0	51,382	2,255.84	19:00	-3,216.2	12:01

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	946	574	962	18:21	572	11:02	16.51	15.56	648	
KRISHNAPATTANAM (3 * 800)	2,400	1,399	1,411	1,429	19:52	1,124	06:42	32.2	29.88	1,245	
RAYALASEEMA TPP(1 * 600 + 5 * 210)	1,650	939	895	992	04:46	882	16:22	23.98	21.4	892	
SEIL P2 UNIT-2(1 * 660)	660	622	627	631	23:53	332	15:09	13.37	12.6	525	
VIJAYAWADA TPS(1 * 800 + 1 * 500 + 6 * 210)	2,560	1,504	1,258	1,538	20:04	1,215	14:26	35.29	31.7	1,321	
OTHER THERMAL	0	0	0	0	00:00	0	-	-	-	-	
Total THERMAL	8,310	5,410	4,765	-	-	-	-	121.35	111.14	4,631	
HAMPI	36	0	0	20	00:00	0	-	0.48	0.48	20	
LOWER SILERU(4 * 115)	460	13	13	141	21:01	13	06:00	3.4	3.39	141	
SRISAILAM RBPH(7 * 110)	770	620	626	630	23:05	616	17:11	15.07	15.03	626	
UPPER SILERU(4 * 60)	240	0	0	165	19:06	1	06:12	0.92	0.92	38	
OTHER HYDEL	431	152	250	250	00:00	0	-	3.95	3.94	164	
Total HYDEL	1,937	785	889	-	-	-	-	23.82	23.76	989	
GAUTAMI CCPP(1 * 174 + 2 * 145)	464	0	0	0	00:00	0	06:00	0	0	0	
GMR (BARG)(1 * 237)	237	0	0	0	00:00	0	06:00	0	0	0	
JEGURUPADU (GAS)(1 * 49.9 + 1 * 75.5 + 2 * 45.8)	217	0	0	0	00:00	0	06:00	0	0	0	
JEGRUPADU EXT.(1 * 220)	220	0	0	0	00:00	0	-	-	-	-	
KONASEEMA CCPP(1 * 140 + 1 * 145 + 1 * 165)	450	0	0	0	00:00	0	06:00	0	0	0	
LANCO (GAS)(1 * 121 + 2 * 115)	351	0	0	0	00:00	0	06:00	0	0	0	
RELIANCE ENERGY LTD. (GAS)(1 * 140 + 1 * 80)	220	0	0	0	00:00	0	06:00	0	0	0	
SPECTRUM (GAS)(1 * 46.8 + 1 * 68.8 + 2 * 46.1)	208	0	0	0	00:00	0	06:00	0	0	0	
VEMAGIRI POWER GENERATION LTD.(GAS)(1 * 137 + 1 * 233)	370	0	0	0	00:00	0	-	0	0	0	

VIJESWARAM GTS(1 * 112.5 + 1 * 34 + 1 * 59.5 + 2 * 33)	272	0	0	0	00:00	0	06:00	0	0	0
OTHER GAS/NAPTHA/DIESEL	27	0	0	0	00:00	0	-	-	-	-
Total GAS/NAPTHA/DIESEL	3,036	0	0	-	-	-	-	0	0	0
WIND	4,084	1,318	1,351	2,057	23:08	968	07:34	32.94	32.94	1,373
SOLAR	3,356	0	0	1,575	12:46	0	06:08	9.12	9.12	380
OTHERS	619	93	91	130	13:21	78	06:00	3.11	3.11	130
Total AP	21,342	7,606	7,096	-	-	-	-	190.34	180.07	7,503

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	570	575	657	19:31	566	10:10	15.74	14.12	588
KAKATIYA ST1&ST2(1 * 500 + 1 * 600)	1,100	902	607	1,024	06:17	553	14:17	20.39	19.21	800
KOTHAGUEDEM TPS(1 * 500 + 1 * 800 + 2 * 250)	1,800	1,527	1,005	1,569	21:39	955	13:24	30.13	28.11	1,171
RAMAGUNDAM-B(1 * 62.5)	63	0	0	0	00:00	0	08:11	0	0	0
SINGARENI TPS(2 * 600)	1,200	1,058	686	1,206	00:21	663	10:22	21.08	19.7	821
YADADRI(2 * 800)	1,600	0	985	985	03:00	0	06:00	23.88	22.51	938
Total THERMAL	6,843	4,057	3,858					111.22	103.65	4,318
NAGARJUNA SAGAR(1 * 110 + 7 * 100.8)	816	799	814	821	06:25	744	13:23	19.7	19.64	818
NAGARJUNA SAGAR (PUMP)(1 * 110 + 7 * 100.8)	816	0	0	0	00:00	0	-	0	0	0
SRISAILAM LBPH(6 * 150)	900	700	696	707	22:38	680	13:05	16.77	16.74	698
SRISAILAM LBPH(PUMP)(6 * 150)	900	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	957	114	239	239	00:00	0	06:00	3.7	3.67	153
Total HYDEL	2,673	1,613	1,749					40.17	40.05	1,669
WIND	128	0	0	45	00:00	0	-	1.09	1.09	45
SOLAR	3,818	0	0	2,120	13:33	8	06:07	14	14	583
OTHERS	252	0	0	204	00:00	0	-	4.9	4.9	204
Total TG	13,714	5,670	5,607					171.38	163.69	6,819

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	829	866	879	01:20	523	13:17	19.71	18.48	770
JINDAL(2 * 130 + 4 * 300)	1,460	0	0	159	00:04	0	-	20.41	18.73	27
JINDAL (EXCL. CAPTIVE CONSUMPTION)(2 * 130 + 4 * 300)	1,460	66	29	159	00:04	0	06:04	0.64	0.64	27
RAICHUR TPS(1 * 250 + 7 * 210)	1,720	890	810	911	18:15	725	14:45	22.21	19.84	827
UPCL(2 * 600)	1,200	559	303	564	19:47	287	13:17	9.12	8.45	352
YERAMARAS TPS(2 * 800)	1,600	1,111	849	1,272	06:14	813	14:03	25.7	24	1,000
Total THERMAL	7,680	3,455	2,857	-	-	-	-	77.38	71.41	2,223
NAGJHERI(1 * 135 + 5 * 150)	885	557	342	709	19:13	268	13:03	11.44	11.31	471
SHARAVATHI(10 * 103.5)	1,035	824	785	858	04:49	412	06:00	18.01	17.87	745
VARAHI UGPH(4 * 115)	460	445	58	462	07:18	34	13:02	3.9	3.84	160
OTHER HYDEL	2,137	1,371	853	1,371	00:00	689	06:00	19.24	19.24	802
Total HYDEL	4,517	3,197	2,038	-	-	-	-	52.59	52.26	2,178
OTHER GAS/NAPTHA/DIESEL	126	0	0	143	00:00	1	06:00	3.43	3.43	143
Total GAS/NAPTHA/DIESEL	126	0	0	-	-	-	-	3.43	3.43	143
WIND	5,440	1,708	1,344	1,941	20:50	1,058	08:19	34.2	34.2	1,425
SOLAR	6,571	0	0	411,551,424	14:58	30	06:14	24.65	24.65	1,027
OTHERS	1,832	75	82	1,549	08:10	55	12:30	12.53	12.53	1,549
Total KAR	26,166	8,435	6,321	-	-	-	-	204.78	198.48	8,545

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	376	343	520	15:34	34	13:03	7.97	7.94	331
LOWER PERIYAR (3 * 60)	180	165	93	166	18:55	0	09:17	1.98	1.97	82
SABARIGIRI(2 * 60 + 4 * 55)	340	223	228	230	10:28	89	13:22	5.32	5.31	221
OTHER HYDEL	834	601	520	601	00:29	184	06:46	13.53	13.53	564
Total HYDEL	2,134	1,365	1,184	-	-	-	-	28.8	28.75	1,198
BRAHMAPURAM DGPP (DIESEL)(3 * 21.32)	64	0	0	0	00:00	3	14:17	0	0	0
BSES (NAPTHA)(1 * 35.5 + 3 * 40.5)	157	0	0	0	00:00	0	06:00	-	-	-
KOZHICODE DPP (DIESEL)(6 * 16)	96	0	0	0	00:00	0	06:00	0	0	0
MPS STEEL CASTINGS(1 * 10)	10	0	0	0	00:00	0	-	-	-	-
RGCCPP KAYAMKULAM (KSEB) - NTPC(1 * 126.38 + 2 * 116.6)	360	0	0	0	00:00	1	08:45	0	0	0
OTHER GAS/NAPTHA/DIESEL	22	0	0	0	00:00	0	06:00	-	-	-
Total GAS/NAPTHA/DIESEL	709	0	0	-	-	-	-	0	0	0
WIND	70	0	0	28	00:00	0	-	0.68	0.68	28
SOLAR	1,988	0	0	55	00:00	0	-	1.31	1.31	55
OTHERS	20	0	0	12	00:00	0	-	0.28	0.28	12
Total KER	4,921	1,365	1,184	-	-	-	-	31.07	31.02	1,293

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	1,061	847	1,194	00:44	833	11:10	23.28	21.23	885
NCTPS STG3(Infirm - 800 MW)	0	0	0	0	00:00	0	-	0	0	0
NORTH CHENNAI TPS STG-II(2 * 600)	1,200	704	607	741	23:40	563	06:21	16.99	15.56	648
NORTH CHENNAI TPS(3 * 210)	630	99	115	124	04:09	4	09:07	2.18	1.69	70
OPG PGPL	414	0	0	234	00:00	0	-	6.21	5.62	234
SEPC(1 * 525)	525	253	261	504	22:59	261	06:00	10.99	10.44	435
ST - CMS(1 * 250)	250	248	249	251	16:17	164	11:07	5.71	5.27	220
TUTICORIN(5 * 210)	1,050	292	274	339	23:35	132	14:09	6.41	5.67	236
Total THERMAL	5,509	2,657	2,353					71.77	65.48	2,728
KADAMPARAI (4 * 100)	400	0	0	101	22:11	3	09:57	1.08	1.07	45
KADAMPARAI (PUMP)(4 * 100)	400	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	1,826	705	573	824	09:56	144	13:03	19.95	19.77	824
Total HYDEL	2,226	705	573					21.03	20.84	869
BASIN BRIDGE (NAPTHA)(4 * 30)	120	0	0	0	00:00	0	10:14	0	0	0
KOVIL KALAPPAL (GAS)(1 * 37.8 + 1 * 70)	108	0	0	0	00:00	0	06:09	0	0	0
KUTTALAM (GAS)(1 * 37 + 1 * 64)	101	64	62	76	18:18	62	06:00	1.63	1.51	63
MADURAI POWER CL (DIESEL)(1 * 106)	106	0	0	0	00:00	0	06:00	0	0	0
P P NALLUR (NAPTHA)(1 * 330.5)	331	0	0	0	00:00	0	06:00	0	0	0
SAMALPATTY (DIESEL)(7 * 15.1)	106	0	0	0	00:00	0	06:00	0	0	0
VALATTUR(STG1&STG2)(1 * 32 + 1 * 35 + 2 * 60)	187	36	37	74	11:09	35	06:02	1.92	1.78	74
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	100	99					3.55	3.29	137
WIND	9,392	3,925	2,795	4,659	14:47	2,419	06:27	84.21	84.21	3,509
SOLAR	9,555	0	0	5,814	11:22	9	06:02	39.4	39.4	1,642
OTHERS	2,029	589	468	589	04:11	460	06:00	4.63	4.63	193
Total TN	30,132	7,976	6,288					224.59	217.85	9,078

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	1,496	1,431	2,314	18:58	1,306	11:06	34.07	31.6	1,317
NEYVELI TS I EXPN (2 * 210)	420	144	144	155	04:58	139	09:00	3.47	3.26	136
NEYVELI TS II(7 * 210)	1,470	741	711	792	22:34	613	11:44	20.02	16.33	680
NEYVELI TS II EXPN (2 * 250)	500	356	345	360	18:54	340	16:59	8.54	7.24	302
NNTPS(2 * 500)	1,000	914	874	946	23:22	536	13:02	20.15	17.83	743
NTPC-TELANGANA STPP(2*800)	1,600	750	444	750	20:00	0	-	14.42	12.75	531
RAMAGUNDAM(3 * 200 + 4 * 500)	2,600	1,366	885	1,441	20:52	811	17:11	25.99	23.62	984
SIMHADRI STAGE I(2 * 500)	1,000	834	560	915	06:43	485	08:45	16.37	14.99	625
SIMHADRI STAGE II(2 * 500)	1,000	912	575	947	20:57	18	10:19	16.93	15.99	666
TALCHER ST2(4 * 500)	2,000	1,237	1,325	1,352	05:30	206	09:22	29.99	28.03	1,168
Total THERMAL	13,990	8,750	7,294	-	-	-	-	189.95	171.64	7,152
KAIGA STG1(2 * 220)	440	193	192	199	10:16	187	11:04	5.3	4.79	200
KAIGA STG2(2 * 220)	440	427	426	437	10:02	417	10:10	11.42	10.48	437
KUDANKULAM(2 * 1000)	2,000	1,015	1,021	1,033	17:01	1,009	12:37	24.54	23.03	960
MAPS(2 * 220)	440	0	0	0	00:00	33	11:31	0	0	0
Total NUCLEAR	3,320	1,635	1,639	-	-	-	-	41.26	38.3	1,597
Total ISGS	17,310	10,385	8,933					231.21	209.94	8,749

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	849	583	926	18:18	483	12:02	15.18	14.26	594
VALLUR TPS(3 * 500)	1,500	897	910	1,007	06:14	0	12:01	19.72	17.92	747
Total THERMAL	2,500	1,746	1,493	-	-	-	-	34.9	32.18	1,341
Total JOINT_VENTURE	2,500	1,746	1,493					34.9	32.18	1,341

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	779	682	843	18:25	503	10:23	16.9	15.63	651
IL&FS(2 * 600)	1,200	560	543	563	20:02	299	09:51	12.23	11.35	473
JINDAL POWER LIMITED (SIMHAPURI UNIT)(4 * 150)	600	543	298	550	18:14	193	10:27	8.29	7.38	308
MEENAKSHI ENERGY LTD STAGE1(2 * 150)	300	0	0	0	00:00	52	10:13	0	0	0
MEENAKSHI ENERGY LTD STAGE2(2 * 350)	700	0	0	269	00:00	0	-	7.04	6.46	269
SEIL P1(2 * 660)	1,320	1,208	869	1,237	00:02	507	09:39	22.81	21.39	891
SEIL P2 UNIT-1(1 * 660)	660	627	624	633	21:09	297	10:53	13.45	12.7	529
Total THERMAL	5,980	3,717	3,016	-	-	-	-	80.72	74.91	3,121
LKPPL ST2(1 * 133 + 1 * 233)	366	0	0	0	00:00	4	14:09	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	3,717	3,016					80.72	74.91	3,121

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	61	56	81	22:55	49	10:01	0.97	0.97	40
GADAG_RSPL_W	175	203	80	82	20:00	209	17:10	1.96	1.96	82
GADAG_VENA_W	133	48	88	65	20:00	0	-	1.56	1.56	65
GREEN INFRA(1 * 249.90)	250	224	116	236	15:01	55	06:37	4.11	4.11	171
HIRIYUR_OSTRO(1 *300.3)	300	0	0	172	00:00	0	06:00	4.12	4.12	172
HIRIYUR_ZREPL_W	66	39	30	39	20:00	0	-	0.85	0.85	35
JSW RENEW ENERGY TWO LTD	300	233	274	274	00:00	236	10:24	6.06	6.06	253
KARUR_JSWRENEW_W	162	61	107	108	20:00	0	-	2.6	2.6	108
KARUR_JSWRETWO_W	150	85	84	85	20:00	0	-	2.02	2.02	84
KOPPAL_AYANASIX_W	300	214	20	214	20:00	0	-	2.12	2.12	88
KOPPAL_KLEIO_W	101	0	0	34	00:00	0	-	0.81	0.81	34
KOPPAL_RENEWOJAS_W	319	0	0	294	16:28	0	06:00	3.15	3.15	131
KOPPAL_RENEWROSHNI_W	291	216	7	225	20:17	7	06:00	1.27	1.27	53
KURNOOL_AMGREEN_W	304	0	0	163	00:00	0	06:00	3.9	3.9	163
MYTRA(1 * 250)	250	197	176	211	17:07	142	06:37	4.34	4.34	181
ORANGE(1 * 200)	200	151	87	181	17:02	44	06:54	2.96	2.96	123
PGLR_SAUPL_W	53	0	27	35	03:00	0	-	0.83	0.83	35
PGLR_SREPL(1 * 300)	300	238	238	251	20:41	201	10:25	4.29	4.29	179
TUTICORINJSWRENEW(1 * 51.3)	540	288	267	436	20:00	0	-	10.46	10.46	436
VIVID SOLAIRE (BEETAM)(1 * 220)	220	198	153	220	16:53	87	06:46	4.1	4.1	171
Total RENEWABLE_WIND	4,469	2,456	1,810					62.48	62.48	2,604

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	13:04	1	06:06	0.74	0.74	62
ANP_ATHENA BIWADI(1 * 50)	50	0	0	35	13:20	0	06:00	0.14	0.14	12
ANP_ATHENA HISAR(1 * 50)	50	0	0	50	13:58	0	06:19	0.15	0.15	13
ANP_ATHENA KARNAL(1 * 50)	50	0	0	48	13:55	0	06:09	0.15	0.15	13
ANP_AYANA(1 * 250)	250	0	0	104	00:00	88	10:24	1.89	1.89	158
ANP_AZURE(1 * 50)	50	0	0	43	10:39	0	06:19	0.12	0.12	10
ANP_IGS1(1 * 50)	50	0	0	48	13:55	0	06:00	0.15	0.15	13
ANP_IGS2(1 * 50)	50	0	0	37	10:48	0	06:00	0.13	0.13	11
ANP_NTPC(5 * 50)	250	0	0	126	10:42	1	06:00	0.44	0.44	37
ANP_TATA(2 * 50)	100	0	0	69	13:24	0	06:09	0.24	0.24	20
SPRING ANG ITRA(1 * 250)	250	0	0	126	00:00	66	10:25	1.53	1.53	128
PAVAGADA										
PVG_ADYAH(6 * 50)	300	0	0	50	00:00	0	06:00	1.2	1.2	100
PVG_AMPLUS PAVAGADA(1 * 50)	50	0	0	19	00:00	1	15:03	0.18	0.18	15
PVG_AMPLUS TUMKUR(1 * 50)	50	0	0	19	00:00	1	15:03	0.18	0.18	15
PVG_AVAADA SOLAR(3 * 50)	150	0	0	41	10:24	1	15:03	0.55	0.55	46
PVG_AVAADA SOLARISE(3 * 50)	150	0	0	58	00:00	1	15:03	0.56	0.56	47
PVG_AZURE POWER EARTH (2 * 50)	100	0	0	27	10:01	1	15:03	0.31	0.31	26
PVG_FORTUM FIN SURYA(2 * 50)	100	0	0	39	00:00	1	15:03	0.36	0.36	30
PVG_IRCON_S	225	0	0	64	00:00	0	-	1.54	1.54	128
PVG_KREDL(1 * 50)	50	0	0	16	00:00	1	15:03	0.19	0.19	16
PVG_PARAMPUJYA(3 * 50)	150	0	0	57	00:00	1	15:03	0.49	0.49	41
PVG_RENEW TN2(1 * 50)	50	0	0	20	00:00	1	15:03	0.19	0.19	16
PVG_SBG ENERGY(4 * 50)	200	0	0	88	00:00	0	15:03	0.81	0.81	68
PVG_SPRING SOLAR INDIA(5 * 50)	250	0	0	78	10:23	1	15:03	0.88	0.88	73
PVG_TATA RENEWABLES(8 * 50)	400	0	0	132	00:00	1	15:03	1.26	1.26	105
PVG_YARROW(1 * 50)	50	0	0	20	00:00	1	15:03	0.17	0.17	14
OTHER										
GADAG_SERENTICA3_S	69	0	0	14	00:00	0	-	0.33	0.33	28
GADAG_VENA_S	31	0	0	7	00:00	0	-	0.17	0.17	14
GRT(1 * 150)	150	0	118	133	10:25	118	06:00	2.24	2.24	187
KOPPAL_KLEIO_S	105	0	0	13	00:00	0	-	0.32	0.32	27
KOPPAL_RENEWOJAS_S	81	0	0	10	00:00	0	06:00	0.25	0.25	21
KOPPAL_SRIIPL_S	188	0	0	45	00:00	0	-	1.09	1.09	91
KURNOOL_AMGREEN_S	599	0	0	106	00:00	0	-	2.54	2.54	212
NTPC ETTAYAPURAM SOLAR PLANT	230	0	191	191	00:00	152	10:25	3.18	3.18	265
RAMANGUNDAM (SOLAR)(1 * 100)	100	0	70	73	10:24	67	10:25	0.41	0.41	34
SIMHADRI (SOLAR)(1 * 25)	25	0	0	10	10:25	1	06:00	0.1	0.1	8
Total	5,253	0	379					25.18	25.18	2,104

Total ISGS IPP Thermal	22,470	14,213	11,803					305.57	278.73	
STATE THERMAL	28,342	15,579	13,833					381.72	351.68	
Total CPP Import										
Total ISGS & IPP Hydro										
HYDEL	13,487	7,665	6,433	-	-	-	-	166.67	165.66	
GAS/NAPTHA/DIESEL	6,826	100	99	-	-	-	-	7.53	7.29	
NUCLEAR	3,320	1,656	1,658	-	-	-	-	41.26	38.3	
WIND	23,583	9,407	7,300	-	-	-	-	215.6	215.6	
SOLAR	30,643	0	379	-	-	-	-	113.71	113.71	
OTHERS	4,752	757	641	-	-	-	-	25.45	25.45	

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	198	707	-	200	0	13.46	-13.46
3	765KV-SRIKAKULAM-ANGUL	878	1,095	2,082	-	22.84	0	22.84
4	HVDC500KV-TALCHER-KOLAR_DC	1,480	1,088	1,482	-	31.33	0	31.33
Sub-Total EAST REGION		2,556	2,890	3,564	200	54.17	13.46	40.71
Import/Export between SOUTH REGION and WEST REGION								
1	220KV-AMBEWADI-PONDA	0	0	-	-	0	0	0
2	220KV-AMBEWADI-XELDEM	86	86	-	92	0	1.94	-1.94
3	220KV-CHIKKODI-MUDASANGI	0	0	0	-	-	-	-
4	220KV-CHIKKODI-TALANGADE	-	-	-	-	-	-	-
5	220KV-LOWER_SILERU-BARSUR	-	-	-	-	-	-	-
6	400KV-BHADRAVTAHI-RAMAGUNDAM	929	922	930	-	0	22.18	-22.18
7	400KV-KUDGI_PG-KHOLAPUR_PG	1,966	1,558	-	2,268	0	41.3	-41.3
8	765KV-NIZAMABAD-WARDHA	127	90	1,655	-	5.43	0	5.43
9	765KV-RAICHUR_PG-SHOLAPUR	1,758	1,332	-	2,423	0	30.06	-30.06

10	765KV-WARANGAL(NEW)-WARORA	71	347	-	635	3.07	0	3.07
11	HVDC800KV-RAIGARH HVDC-PUGALUR HVDC	277	279	-	542	13.67	0	13.67
Sub-Total WEST REGION		5,214	4,614	2,585	5,960	22.17	95.48	-73.31
TOTAL IR EXCHANGE		7,770	7,504	6,149	6,160	76.34	108.94	-32.6

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	16.6	-5.5	0	0.04	0	0	-20.91	12.678	33.588
SR-WR	-1.78	-22.44	2.48	-23.06	0	13.4	-33.92	-73.303	-39.383
Total	14.82	-27.94	2.48	-23.02	0	13.4	-54.83	-60.625	-5.795

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	4.41	78.067	46.829	17.523

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

Maximum		Minimum		Average Frequency	Freq Variation Index	Standard Deviation	Freq. in 15 mnt blk	
Frequency	Time	Frequency	Time				Max.	Min.
50.231	13:02:40	49.789	14:41:40	49.999	0.033	0.058	50.17	49.86

6.Voltage Profile: 400kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 380	< 390	> 420	> 430
GHANAPUR - 400KV	425	01:10	410	14:41	0	0	23.194	0
GOOTY - 400KV	422	01:59	404	14:28	0	0	14.653	0
HIRIYUR - 400KV	428	03:00	407	09:27	0	0	30.625	0
KAIGA - 400KV	418	02:01	399	09:27	0	0	0	0
KOLAR_AC - 400KV	424	04:02	395	09:32	0	0	20.069	0
KUDANKULAM - 400KV	415	03:43	398	11:21	0	0	0	0
SHANKARAPALLY - 400KV	413	02:41	408	18:16	0	0	0	0
SOMANAHALLI - 400KV	420	02:57	393	09:32	0	0	0	0
SRIPERUMBADUR - 400KV	412	03:21	397	09:32	0	0	0	0
TRICHY - 400KV	416	00:00	396	11:21	0	0	0	0
TRIVANDRUM - 400KV	423	03:37	402	11:20	0	0	15.694	0
VIJAYAWADA - 400KV	423	00:15	389	10:45	0	.069	.139	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	12:37	0	0	17.083	0
GOOTY - 220KV	231	03:00	221	14:46	0	0	0	0
HIRIYUR - 220KV	229	03:01	215	12:29	0	0	0	0
KAIGA - 220KV	236	03:03	224	09:47	0	0	11.181	0
KOLAR_AC - 220KV	231	04:03	215	09:48	0	0	0	0
SOMANAHALLI - 220KV	227	02:59	227	02:59	0	0	0	0
SRIPERUMBADUR - 220KV	0	00:00	0	00:00	N/A	N/A	N/A	N/A
TRICHY - 220KV	230	21:35	217	11:20	0	0	0	0
TRIVANDRUM - 220KV	233	04:01	233	04:01	0	0	0	0
VIJAYAWADA - 220KV	231	02:02	226	12:28	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	00:05	765	14:40	0	0	24.79	0
NIZAMABAD - 765KV	799	00:04	777	06:38	0	0	95.42	0
RAICHUR_PG - 765KV	792	02:28	768	14:12	0	0	26.6	0
SRIKAKULAM - 765KV	786	02:02	768	06:38	0	0	36.25	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	1,439	0	1,294	5.65	8.77	165.27	182.86
IDUKKI	694.94	732.43	2,148	725.47	1,619	723.48	1,480	5.74	7.73	169.83	217.63
JALAPUT	818.39	838.4	534	837.74	511	837.53	500	10.08	2.01	64.48	47.12
N.SAGAR	155.45	179.9	1,398	178.77	942	179.68	984	183.47	19.57	1,315.56	452.46
SRISAILAM	243.84	270.7	1,392	269.05	955	266.67	738	151.94	31.82	1,574.42	741.78
SUPA	495	564	3,159	559.7	2,770	562.7	3,039	4.05	14.53	151.2	328.73
LINGANAMAKKI	522.73	554.5	4,557	553.56	4,272	553.93	4,392	7.88	15.98	358.03	414.47
KAKKI	908.3	981.45	916	975.15	688	970.11	552	2.86	4.69	82.66	118.7
TOTAL	-	-	15,608	-	13,196	-	12,979	371.67	111.57	3,881.45	2,617.05

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	-210.93	-10.41	62.44	0	107.59	0	0	0	0	0	0	0	0
KARNATAKA	-634.77	-104.47	26.94	0	-19.7	0	0	0	0	0	0	0	0
KERALA	-246	0	-10	0	482.25	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	0	0	-7	0	0	0	0	0	0	0	0
TAMILNADU	-25	65.94	172.32	0	-604.45	0	0	0	0	0	0	0	0
TELANGANA	-42.9	-0.4	-20.81	0	-154.1	0	0	0	0	0	0	0	0
TOTAL	-1,159.6	-49.34	230.89	0	-195.41	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	-205.82	-9.3	115.4	0	-44.47	0	0	0	0	0	0	0	0
KARNATAKA	-888.77	-298.53	-7.54	0	-38.37	0	-50	0	0	0	0	0	0
KERALA	-96	0	163.15	0	457.69	0	58.32	0	0	0	0	0	0
PONDICHER ..	0	12.58	20.72	0	13.53	0	0	0	0	0	0	0	0
TAMILNADU	1,289.83	10.27	-38.5	0	949.13	0	0	0	0	0	0	0	0
TELANGANA	-118.68	-0.6	-1,909.81	0	817	0	0	0	0	0	0	0	0
TOTAL	-19.44	-285.58	-1,656.58	0	2,154.51	0	8.32	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	29.45	-4.41	0.97	1.32	0	0.92	28.25
KARNATAKA	58.31	-14.7	-3.7	0.11	0	-0.56	39.46
KERALA	46.06	-2.98	0.45	2.75	0	9.4	55.68
PONDICHERY	9.56	0.13	0.16	0.05	0	-0.06	9.84
TAMILNADU	149.14	6.55	2.93	-14.26	0	3.17	147.53
TELANGANA	59.59	-0.25	1.67	-12.55	0	3.33	51.79
TOTAL	352.11	-15.66	2.48	-22.58	0	16.2	332.55

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	2,025.45	627.46	-139.4	-212.75	134.76	-11.6	0	0	0	0	349.63	-807.3	0	0
KARNATAKA	4,098.22	1,358.04	-430.71	-888.77	8.55	-531.3	0	-9.53	0	0	53.1	-50.12	0	-50
KERALA	2,547.09	1,599.79	-66.33	-268.83	51.72	0	0	0	0	0	280.01	-10	96.67	0
PONDICHERY	460.05	362.83	14.02	0	63.8	0	0	0	0	0	33.35	0	0	0
TAMILNADU	7,015.71	3,863.43	1,351	-25	275.61	0	0	0	0	0	319.87	-1856.6	0	0
TELANGANA	2,859.33	1,632.33	119.53	-120.48	222.82	-0.6	0	0	0	0	1152.19	-2610.92	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	239.51	-405.86	0	0	0	0
KARNATAKA	0	0	0	0	0	0	0	0	6.88	-57.3	0	0	0	0
KERALA	0	0	0	0	0	0	0	0	896.58	-1.1	0	0	0	0
PONDICHER ..	0	0	0	0	0	0	0	0	123.11	-54	0	0	0	0
TAMILNADU	0	0	0	0	0	0	0	0	1,658.43	-866.56	0	0	0	0
TELANGANA	0	0	0	0	0	0	0	0	1,059.97	-954	0	0	0	0

9. Synchronisation of new generating units :

SL.NO	Station Name	Owner	Inst. Capacity (MW)	Date	Time
-------	--------------	-------	----------------------	------	------

10. Synchronisation of new 220 / 400 / 765 KV Transmission elements and energising of bus /substation :

1) 230KV-TPVardhaman Surya TPREL-KARUR_PS-1 charged at 18:13 Hrs. 2) TPVardhaman Surya TPREL - 230KV - Bus 1 charged at 18:13 Hrs 3) TPVardhaman Surya TPREL - 230KV - Bus 2 charged at 19:53 Hrs

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 25, 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). 5) 400KV-TIRUNELVELI-KANARPATTI-1 tripped on LL fault due to conductor snapping on 24-09-2025 11:04 hrs.

13. Weather Condition:

Kerala: Light rains reported all over the state. AP: Light rains reported in East Godavari, West Godavari, Bapatla, Prakasam, Vishakhapatnam, Kurnool. Karnataka: Light rains reported in North part of the state, Bangalore, Hassan, Mysore.

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	11	0	0	0	0	0	0	0
KARNATAKA	0	0	0	0	7	4	0	0	2	0	0	0
KERALA	0	1	0	0	1	0	0	0	0	0	0	0
TAMILNADU	2	4	0	0	5	0	0	0	4	2	0	0
PONDICHERRY	0	0	0	0	0	0	0	0	0	0	0	0
TELANGANA	0	0	0	0	14	13	0	0	0	0	0	0

REMARKS:

Shift In Charge