

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 #
52,325	0	52,325	50.1	46,189	0	46,189	49.98	1,291.77	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	111.83	25.37	0	41.35	10.65	2.35	58.61	58.33	-0.28	250.18	249.9	0
KARNATAKA	42.78	56.88	0	49.42	23.71	13.55	71.3	70.17	-1.13	257.64	256.51	0
KERALA	0	42.11	0	0.71	1.29	0.27	38.72	37.69	-1.04	83.09	82.06	0
PONDICHERRY	0	0	0.55	0	0.07	0	10.38	10.55	0.17	10.99	11.16	0
TAMILNADU	67.59	32.27	3.54	96.09	45.2	7.6	170.73	169.63	-1.11	423.03	421.92	0
TELANGANA	79.4	40.28	0	1.59	17.74	4.28	127.83	126.93	-0.9	271.12	270.22	0
Region	301.6	196.91	4.09	189.16	98.66	28.05	477.57	473.3	-4.29	1,296.05	1,291.77	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	9,962	0	9,962	9,147	0	9,147	10,424	238	11.9
KARNATAKA	10,068	0	10,068	7,570	0	7,570	10,730	234.78	21.73
KERALA	4,147	0	4,147	2,875	0	2,875	3,297	79	3.06
PONDICHERRY	490	0	490	422	0	422	450	10.48	0.68
TAMILNADU	18,405	0	18,405	16,261	0	16,261	18,000	422	-0.08
TELANGANA	9,253	0	9,253	9,914	0	9,914	11,656	275	-4.78
Region	52,325	0	52,325	46,189	0	46,189	54,557	1,259.26	32.51

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	12,026	11:47	0	12,026	12,026	-	0	12,026	565.68	14:36	-493.93	00:05
KAR	14,010	10:00	0	14,010	14,010	10:00	0	14,010	568.85	14:38	-805.39	10:01
KER	4,148	19:30	0	4,148	4,148	19:30	0	4,148	268.06	17:02	-161.14	13:02
PONDY	526	22:45	0	526	526	22:45	0	526	39.51	08:26	-48.23	00:05
TN	19,334	15:30	0	19,334	19,334	15:30	0	19,334	1,013.35	18:17	-956.32	17:30
TG	14,471	07:47	0	14,471	14,471	-	0	14,471	705.21	17:15	-722.77	03:00
Region	62,124	09:46:59	0	62,124	62,124	09:46:59	0	62,124	3,397.02	13:38	-2,230.66	17:53

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	980	992	1,020	07:37	570	12:10	23.03	21.79	908
KRISHNAPATTANAM (3 * 800)	2,400	1,065	1,111	1,220	08:50	1,007	12:06	27.85	27.07	1,128
RAYALASEEMA TPP(1 * 600 + 5 * 210)	1,650	1,301	908	1,326	20:13	888	12:55	28.1	25.41	1,059
SEIL P2 UNIT-2(1 * 660)	660	606	0	618	20:23	2	07:09	8.17	7.54	314
VIJAYAWADA TPS(1 * 800 + 1 * 500 + 6 * 210)	2,560	1,183	1,189	1,380	11:10	1,016	08:50	33.09	30.02	1,251
OTHER THERMAL	0	0	0	0	00:00	0	-	-	-	-
Total THERMAL	8,310	5,135	4,200	-	-	-	-	120.24	111.83	4,660
HAMPI	36	0	0	20	00:00	0	-	0.49	0.49	20
LOWER SILERU(4 * 115)	460	303	13	312	17:22	12	06:09	3.5	3.49	145
SRISAILAM RBPH(7 * 110)	770	638	639	691	08:50	627	09:25	15.41	15.38	641
UPPER SILERU(4 * 60)	240	161	0	220	21:12	1	06:07	2.09	2.08	87
OTHER HYDEL	431	136	147	164	00:00	0	-	3.95	3.94	164
Total HYDEL	1,937	1,238	799	-	-	-	-	25.44	25.38	1,057
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	1,695	1,706	2,548	13:57	937	07:20	41.35	41.35	1,723
SOLAR	3,192	0	0	1,583	12:21	2	06:01	10.65	10.65	444
OTHERS	619	85	84	99	00:00	81	06:00	2.35	2.35	98
Total AP	21,178	8,153	6,789	-	-	-	-	200.03	191.56	7,982

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	490	282	738	23:19	272	08:02	10.74	9.3	388
KAKATIYA ST1&ST2(1 * 500 + 1 * 600)	1,100	1,009	681	1,050	22:10	581	13:30	20.66	19.49	812
KOTHAGUEDEM TPS(1 * 500 + 1 * 800 + 2 * 250)	1,800	899	572	926	21:50	553	10:23	17.86	16.75	698
RAMAGUNDAM-B(1 * 62.5)	63	0	0	0	00:00	0	13:32	0	0	0
SINGARENI TPS(2 * 600)	1,200	610	588	1,114	00:00	337	12:59	12.31	11.34	473
YADADRI(2 * 800)	1,600	1,356	911	1,397	19:48	883	13:49	23.92	22.52	938
Total THERMAL	6,843	4,364	3,034					85.49	79.4	3,309
NAGARJUNA SAGAR(1 * 110 + 7 * 100.8)	816	696	704	720	16:14	538	13:03	17.03	16.97	707
NAGARJUNA SAGAR (PUMP)(1 * 110 + 7 * 100.8)	816	0	0	0	00:00	0	-	0	0	0
SRISAILAM LBPH(6 * 150)	900	706	715	719	12:25	645	13:03	17.08	17.04	710
SRISAILAM LBPH(PUMP)(6 * 150)	900	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	957	269	235	269	00:00	0	06:00	6.31	6.26	261
Total HYDEL	2,673	1,671	1,654					40.42	40.27	1,678
WIND	128	0	0	66	00:00	0	-	1.59	1.59	66
SOLAR	3,811	0	0	2,368	13:15	8	06:00	17.74	17.74	739
OTHERS	252	0	0	178	00:00	0	-	4.28	4.28	178
Total TG	13,707	6,035	4,688					149.52	143.28	5,970

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	403	412	439	05:21	368	10:39	10.31	9.38	391
JINDAL(2 * 130 + 4 * 300)	1,460	0	0	334	19:45	0	-	23.64	21.77	64
JINDAL (EXCL. CAPTIVE CONSUMPTION)(2 * 130 + 4 * 300)	1,460	225	153	334	19:45	0	06:03	1.54	1.54	64
RAICHUR TPS(1 * 250 + 7 * 210)	1,720	724	551	765	22:32	412	14:01	16.08	14.17	590
UPCL(2 * 600)	1,200	0	0	0	00:00	0	06:38	0	0	0
YERAMARAS TPS(2 * 800)	1,600	995	516	1,108	15:36	575	06:07	19.29	17.7	738
Total THERMAL	7,680	2,347	1,632	-	-	-	-	47.22	42.79	940
NAGJHERI(1 * 135 + 5 * 150)	885	543	551	705	07:16	95	12:06	13.26	13.12	547
SHARAVATHI(10 * 103.5)	1,035	778	685	829	00:18	197	13:05	16.45	16.32	680
VARAHI UGPH(4 * 115)	460	245	156	467	07:21	42	11:04	5.74	5.67	236
OTHER HYDEL	2,137	1,389	1,062	1,389	02:04	741	06:00	21.77	21.77	907
Total HYDEL	4,517	2,955	2,454	-	-	-	-	57.22	56.88	2,370
OTHER GAS/NAPTHA/DIESEL	126	0	0	0	00:00	1	06:00	0	0	0
Total GAS/NAPTHA/DIESEL	126	0	0	-	-	-	-	0	0	0
WIND	5,408	1,748	1,602	2,827	12:26	1,776	06:25	49.42	49.42	2,059
SOLAR	6,404	0	0	3,360	13:36	0	06:00	23.71	23.71	988
OTHERS	1,832	93	97	1,552	06:46	52	12:14	13.55	13.55	1,553
Total KAR	25,967	7,143	5,785	-	-	-	-	191.12	186.35	7,910

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	594	632	638	07:15	142	11:13	13.01	12.98	541
LOWER PERIYAR (3 * 60)	180	120	120	121	17:43	120	09:59	2.89	2.88	120
SABARIGIRI(2 * 60 + 4 * 55)	340	292	299	302	12:26	170	13:02	7.11	7.1	296
OTHER HYDEL	834	725	691	798	00:00	502	06:00	19.15	19.15	798
Total HYDEL	2,134	1,731	1,742	-	-	-	-	42.16	42.11	1,755
BRAHMAPURAM DGPP (DIESEL)(3 * 21.32)	64	0	0	0	00:00	5	13:24	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	0	07:01	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	30	00:00	0	-	0.71	0.71	30
SOLAR	417	0	0	54	00:00	0	-	1.29	1.29	54
OTHERS	20	0	0	11	00:00	0	-	0.27	0.27	11
Total KER	3,350	1,731	1,742	-	-	-	-	44.43	44.38	1,850

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	1,017	850	1,026	20:34	828	11:24	23.03	21.15	881
NCTPS STG3(Infirm - 800 MW)	0	0	0	569	00:00	0	-	14.63	13.65	569
NORTH CHENNAI TPS STG-II(2 * 600)	1,200	437	437	437	00:00	437	06:00	9.8	9.06	378
NORTH CHENNAI TPS(3 * 210)	630	461	461	461	00:00	461	06:00	9.58	6.55	273
OPG PGPL	414	0	0	237	00:00	0	-	6.25	5.69	237
SEPC(1 * 525)	525	0	0	0	00:00	6	10:50	0	0	0
ST - CMS(1 * 250)	250	0	0	0	00:00	1	06:00	0	0	0
TUTICORIN(5 * 210)	1,050	503	486	511	18:52	0	10:41	12.78	11.5	479
Total THERMAL	5,509	2,418	2,234					76.07	67.6	2,817
KADAMPARAI (4 * 100)	400	98	99	101	00:25	3	12:02	1.32	1.32	55
KADAMPARAI (PUMP)(4 * 100)	400	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	1,826	1,333	1,214	1,333	04:43	217	10:12	31.26	30.95	1,290
Total HYDEL	2,226	1,431	1,313					32.58	32.27	1,345
BASIN BRIDGE (NAPTHA)(4 * 30)	120	0	0	0	00:00	0	08:10	0	0	0
KOVIL KALAPPAL (GAS)(1 * 37.8 + 1 * 70)	108	0	0	0	00:00	0	06:04	0	0	0
KUTTALAM (GAS)(1 * 37 + 1 * 64)	101	84	32	86	05:20	75	11:29	1.92	1.78	74
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	141	141	141	00:00	141	06:00	1.89	1.75	73
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	225	173					3.81	3.53	147
WIND	9,299	3,553	3,559	5,439	14:49	147	11:51	96.09	96.09	4,004
SOLAR	8,631	0	0	6,503	12:23	8	06:05	45.2	45.2	1,883
OTHERS	2,029	631	637	662	00:00	400	06:00	7.6	7.6	317
Total TN	29,115	8,258	7,916					261.35	252.29	10,513

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	669	467	798	21:49	0	16:07	11.8	10.77	449
NEYVELI TS I EXPN (2 * 210)	420	341	346	369	16:46	0	14:36	8.42	7.78	324
NEYVELI TS II(7 * 210)	1,470	448	420	483	09:40	391	13:08	13.17	9.97	415
NEYVELI TS II EXPN (2 * 250)	500	98	137	158	07:22	27	08:05	3.56	2.73	114
NNTPS(2 * 500)	1,000	447	475	478	03:11	295	10:26	11.01	9.21	384
NTPC-TELANGANA STPP(2*800)	1,600	1,415	901	1,415	20:00	0	-	26.43	24.44	1,018
RAMAGUNDAM(3 * 200 + 4 * 500)	2,600	2,133	1,458	2,394	06:47	1,230	12:09	43.59	40.65	1,694
SIMHADRI STAGE I(2 * 500)	1,000	886	897	918	07:16	0	14:37	18.9	17.55	731
SIMHADRI STAGE II(2 * 500)	1,000	587	934	957	07:43	0	14:37	19.69	18.21	759
TALCHER ST2(4 * 500)	2,000	1,746	1,358	1,831	17:15	251	14:46	40.38	37.82	1,576
Total THERMAL	13,990	8,770	7,393	-	-	-	-	196.95	179.13	7,464
KAIGA STG1(2 * 220)	440	197	192	202	08:54	189	15:38	5.35	4.84	202
KAIGA STG2(2 * 220)	440	427	426	436	10:07	412	11:10	11.38	10.46	436
KUDANKULAM(2 * 1000)	2,000	1,940	1,952	1,974	08:52	1,919	12:39	46.79	43.44	1,810
MAPS(2 * 220)	440	246	246	250	20:21	184	11:10	5.35	4.44	185
Total NUCLEAR	3,320	2,810	2,816	-	-	-	-	68.87	63.18	2,633
Total ISGS	17,310	11,580	10,209					265.82	242.31	10,097

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	888	547	954	20:53	478	13:29	16.02	15.1	629
VALLUR TPS(3 * 500)	1,500	937	569	959	20:35	493	11:59	16.47	14.82	618
Total THERMAL	2,500	1,825	1,116	-	-	-	-	32.49	29.92	1,247
Total JOINT_VENTURE	2,500	1,825	1,116					32.49	29.92	1,247

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	524	521	556	23:48	492	10:57	13.18	11.97	499
IL&FS(2 * 600)	1,200	849	847	864	17:56	835	13:30	21.84	20.27	845
JINDAL POWER LIMITED (SIMHAPURI UNIT)(4 * 150)	600	273	197	277	19:05	99	10:37	4.86	4.36	182
MEENAKSHI ENERGY LTD STAGE1(2 * 150)	300	0	0	94	00:00	0	06:00	2.54	2.25	94
MEENAKSHI ENERGY LTD STAGE2(1 * 350)	350	0	0	225	00:00	0	-	6.09	5.41	225
SEIL P1(2 * 660)	1,320	1,259	1,026	1,267	22:16	679	13:30	25.55	24.22	1,009
SEIL P2 UNIT-1(1 * 660)	660	0	0	0	00:00	12	06:01	0	0	0
Total THERMAL	5,630	2,905	2,591	-	-	-	-	74.06	68.48	2,854
LKPPL ST2(1 * 133 + 1 * 233)	366	314	0	314	19:52	8	14:05	1.78	1.71	71
LKPPL ST3(2 * 133 + 2 * 233)	732	0	0	0	00:00	0	-	0	0	0
Total GAS/NAPTHA/DIESEL	1,098	314	0	-	-	-	-	1.78	1.71	71
Total REGIONAL_IPP	6,728	3,219	2,591					75.84	70.19	2,925

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	57	60	63	20:42	49	07:10	1.35	1.35	56
GADAG_RSPPL_W	175	111	91	126	20:00	174	14:53	3.02	3.02	126
GADAG_VENA_W	133	83	77	102	20:00	0	-	2.44	2.44	102
GREEN INFRA(1 * 249.90)	250	65	135	229	16:14	68	17:14	2.94	2.94	123
HIRIYUR_OSTRO(1 *300.3)	300	0	0	0	00:00	0	06:39	0	0	0
HIRIYUR_ZREPL_W	66	38	45	116	20:00	0	-	2.79	2.79	116
JSW RENEW ENERGY TWO LTD	300	37	52	129	15:10	1	17:06	1.21	1.21	50
KARUR_JSWRETWO_W	150	83	84	83	20:00	0	-	1.78	1.78	74
KOPPAL_AYANASIX_W	300	142	84	171	20:00	0	-	4.1	4.1	171
KOPPAL_RENEWOJAS_W	308	0	139	315	10:44	146	06:36	4.95	4.95	206
KOPPAL_RENEWROSHNI_W	291	106	108	252	10:15	0	07:02	4.17	4.17	174
KURNOOL_AMGREEN_W	301	0	0	196	00:00	0	06:00	4.7	4.7	196
MYTRA(1 * 250)	250	27	25	218	15:40	23	06:26	1.14	1.14	48
ORANGE(1 * 200)	200	69	106	164	15:45	74	12:44	2.49	2.49	104
PGLR_SAUPL_W	53	0	0	0	00:00	0	-	0	0	0
PGLR_SREPL(1 * 300)	300	231	180	270	16:59	102	06:23	4.98	4.98	208
TUTICORINJSWRENEWW(1 * 51.3)	540	137	125	169	20:00	0	-	4.05	4.05	169
VIVID SOLAIRE (BEETAM)(1 * 220)	220	98	132	216	15:38	121	08:34	3.47	3.47	145
Total RENEWABLE_WIND	4,192	1,284	1,443					49.58	49.58	2,068

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	251	12:41	0	06:00	1.37	1.37	114
ANP_ATHENA BIWADI(1 * 50)	50	0	0	49	11:02	0	06:04	0.24	0.24	20
ANP_ATHENA HISAR(1 * 50)	50	0	0	49	11:46	0	06:00	0.23	0.23	19
ANP_ATHENA KARNAL(1 * 50)	50	0	0	51	11:39	0	06:00	0.23	0.23	19
ANP_AYANA(1 * 250)	250	0	0	243	12:38	0	06:00	1.27	1.27	106
ANP_AZURE(1 * 50)	50	0	0	42	10:39	0	06:00	0.21	0.21	18
ANP_IGS1(1 * 50)	50	0	0	50	11:39	0	06:00	0.22	0.22	18
ANP_IGS2(1 * 50)	50	0	0	47	15:13	0	07:45	0.25	0.25	21
ANP_NTPC(5 * 50)	250	0	0	142	10:35	1	06:00	0.78	0.78	65
ANP_TATA(2 * 50)	100	0	0	95	11:38	0	06:00	0.42	0.42	35
SPRING ANG ITRA(1 * 250)	250	0	0	218	12:39	0	06:03	1.12	1.12	93
PAVAGADA										
PVG_ADYAH(6 * 50)	300	0	0	46	00:00	0	07:47	1.1	1.1	92
PVG_AMPLUS PAVAGADA(1 * 50)	50	0	0	52	13:02	1	07:49	0.18	0.18	15
PVG_AMPLUS TUMKUR(1 * 50)	50	0	0	52	12:59	1	07:49	0.18	0.18	15
PVG_AVAADA SOLAR(3 * 50)	150	0	0	150	13:32	1	07:49	0.5	0.5	42
PVG_AVAADA SOLARISE(3 * 50)	150	0	0	156	12:58	1	07:49	0.47	0.47	39
PVG_AZURE POWER EARTH (2 * 50)	100	0	0	77	12:49	1	07:49	0.27	0.27	23
PVG_FORTUM FIN SURYA(2 * 50)	100	0	0	74	12:15	1	07:49	0.22	0.22	18
PVG_IRCON_S	225	0	0	46	00:00	0	-	1.11	1.11	93
PVG_KREDL(1 * 50)	50	0	0	47	13:35	1	07:49	0.17	0.17	14
PVG_PARAMPUJYA(3 * 50)	150	0	0	129	12:13	1	07:49	0.42	0.42	35
PVG_RENEW TN2(1 * 50)	50	0	0	47	13:52	1	07:49	0.15	0.15	13
PVG_SBG ENERGY(4 * 50)	200	0	0	195	12:07	0	06:00	0.91	0.91	76
PVG_SPRING SOLAR INDIA(5 * 50)	250	0	0	234	12:53	1	07:49	0.8	0.8	67
PVG_TATA RENEWABLES(8 * 50)	400	0	0	316	13:37	1	07:49	1.17	1.17	98
PVG_YARROW(1 * 50)	50	0	0	50	13:55	1	07:49	0.17	0.17	14
OTHER										
GADAG_VENA_S	31	0	0	8	00:00	0	-	0.18	0.18	15
GRT(1 * 150)	150	0	0	150	12:28	0	06:00	0.99	0.99	83
KOPPAL_KLEIO_S	105	0	0	15	00:00	0	-	0.36	0.36	30
KOPPAL_RENEWOJAS_S	81	0	0	14	00:00	0	06:00	0.34	0.34	28
KOPPAL_SRIIPL_S	179	0	0	34	00:00	0	-	0.81	0.81	68
KURNOOL_AMGREEN_S	550	0	0	0	00:00	0	-	0	0	0
NTPC ETTAYAPURAM SOLAR PLANT	230	0	0	248	13:57	0	06:00	1.56	1.56	130
RAMANGUNDAM (SOLAR)(1 * 100)	100	0	0	20	01:45	20	06:39	0.48	0.48	40
SIMHADRI (SOLAR)(1 * 25)	25	0	0	0	00:00	0	06:39	0	0	0
Total	5,126	0	0					18.88	18.88	1,576

Total ISGS IPP Thermal	22,120	13,500	11,100					303.5	277.53	
STATE THERMAL	28,342	14,264	11,100					329.02	301.62	
Total CPP Import										
Total ISGS & IPP Hydro										
HYDEL	13,487	9,026	7,962	-	-	-	-	198.13	196.91	
GAS/NAPTHA/DIESEL	6,826	539	173	-	-	-	-	5.59	5.79	
NUCLEAR	3,320	2,809	2,816	-	-	-	-	68.88	63.17	
WIND	23,181	8,280	8,310	-	-	-	-	238.74	238.74	
SOLAR	27,683	0	0	-	-	-	-	117.54	117.54	
OTHERS	4,752	809	818	-	-	-	-	28.05	28.05	

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	603	601	624	-	14.45	0	14.45
3	765KV-SRIKAKULAM-ANGUL	1,399	1,813	2,970	-	40.83	0	40.83
4	HVDC500KV-TALCHER-KOLAR_DC	1,481	989	1,972	-	35.78	0	35.78
Sub-Total EAST REGION		3,483	3,403	5,566	0	91.06	0	91.06
Import/Export between SOUTH REGION and WEST REGION								
1	220KV-AMBEWADI-PONDA	0	0	-	-	0	0	0
2	220KV-AMBEWADI-XELDEM	110	82	-	120	0	2.3	-2.3
3	220KV-CHIKKODI-MUDASANGI	0	0	0	-	-	-	-
4	220KV-CHIKKODI-TALANGADE	-	-	-	-	-	-	-
5	220KV-LOWER_SILERU-BARSUR	-	-	-	-	-	-	-
6	400KV-BHADRAVTAHI-RAMAGUNDAM	308	307	327	-	0	7.39	-7.39
7	400KV-KUDGI_PG-KHOLAPUR_PG	1,046	779	-	1,713	0	25.58	-25.58
8	765KV-NIZAMABAD-WARDHA	548	1,395	2,975	-	30.81	0	30.81
9	765KV-RAICHUR_PG-SHOLAPUR	845	67	-	1,507	0	7	-7
10	765KV-WARANGAL(NEW)-WARORA	723	1,434	3,119	-	32.12	0	32.12

11	HVDC800KV-RAIGARH HVDC-PUGALUR HVDC	299	298	607	-	0	13.99	-13.99
Sub-Total WEST REGION		3,879	4,362	7,028	3,340	62.93	56.26	6.67
TOTAL IR EXCHANGE		7,362	7,765	12,594	3,340	153.99	56.26	97.73

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	30.02	-12.1	0	0	0	0	-14.87	53.236	68.106
SR-WR	22.36	-37.47	-0.71	46.07	0	31.24	72.01	6.671	-65.339
Total	52.38	-49.57	-0.71	46.07	0	31.24	57.14	59.907	2.767

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	4.479	73.681	58.993	21.84

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

Maximum		Minimum		Average Frequency	Freq Variation Index	Standard Deviation	Freq. in 15 mnt blk	
Frequency	Time	Frequency	Time				Max.	Min.
50.349	13:01:40	49.81	16:14:10	50.012	0.045	0.066	50.26	49.86

6.Voltage Profile: 400kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 380	< 390	> 420	> 430
GHANAPUR - 400KV	422	00:00	399	06:23	0	0	6.111	0
GOOTY - 400KV	421	02:00	398	06:33	0	0	2.083	0
HIRIYUR - 400KV	424	02:04	398	09:31	0	0	18.611	0
KAIGA - 400KV	423	02:04	396	09:32	0	0	10.139	0
KOLAR_AC - 400KV	423	03:01	393	09:19	0	0	15	0
KUDANKULAM - 400KV	413	23:40	399	11:36	0	0	0	0
SHANKARAPALLY - 400KV	414	02:30	401	06:23	0	0	0	0
SOMANAHALLI - 400KV	421	02:01	392	09:30	0	0	1.042	0
SRIPERUMBADUR - 400KV	410	04:00	391	09:25	0	0	0	0
TRICHY - 400KV	416	22:40	393	11:39	0	0	0	0
TRIVANDRUM - 400KV	417	23:50	391	14:49	0	0	0	0
VIJAYAWADA - 400KV	416	05:20	380	06:57	0	1.875	0	0

6.1 Voltage Profile: 220kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 198	< 210	> 235	> 245
GHANAPUR - 220KV	235	00:00	220	07:23	0	0	0	0
GOOTY - 220KV	228	02:07	214	06:35	0	0	0	0
HIRIYUR - 220KV	230	03:02	214	09:26	0	0	0	0
KAIGA - 220KV	237	02:02	222	09:32	0	0	16.111	0
KOLAR_AC - 220KV	230	00:00	211	09:34	0	0	0	0
SOMANAHALLI - 220KV	230	00:00	211	09:34	0	0	0	0
SRIPERUMBADUR - 220KV	230	00:00	211	09:34	0	0	0	0
TRICHY - 220KV	229	20:46	212	11:42	0	0	0	0
TRIVANDRUM - 220KV	230	04:02	217	11:41	0	0	0	0
VIJAYAWADA - 220KV	230	18:06	222	06:31	0	0	0	0

6.2 Voltage Profile: 765kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 720	< 750	> 780	> 800
KURNOOL - 765KV	792	01:57	750	06:32	0	.14	55.07	0
NIZAMABAD - 765KV	797	23:21	747	07:12	0	1.46	80.63	0
RAICHUR_PG - 765KV	794	01:57	752	06:31	0	0	60.63	0
SRIKAKULAM - 765KV	806	13:02	745	06:31	0	2.64	67.5	6.53

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	1,466	0	1,117	20.29	13.53	680.98	276.16
IDUKKI	694.94	732.43	2,148	724.12	1,524	720.43	1,267	20.19	14.22	693.39	448.49
JALAPUT	818.39	838.4	534	835.08	396	833.63	340	6.63	2.31	6,163.92	67.69
N.SAGAR	155.45	179.9	1,398	178.43	918	159.04	115	121.87	16.94	1,403.56	159.53
SRISAILAM	243.84	270.7	1,392	269.08	958	269.5	1,002	139.52	32.38	1,972.65	1,013.86
SUPA	495	564	3,159	551.17	2,076	553.6	2,263	20.75	17.28	677.14	389.47
LINGANAMAKKI	522.73	554.5	4,557	552.05	3,806	552.5	3,942	37.86	19.59	1,654.47	457.47
KAKKI	908.3	981.45	916	975.17	702	965.38	455	7.8	6.95	353.33	216.27
TOTAL	-	-	15,608	-	11,846	-	10,501	374.91	129.04	13,599.44	3,199.38

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	-578.79	-13.31	30.01	0	462.58	0	0	0	0	0	0	0	0
KARNATAKA	-771.7	-183.69	-79.18	0	-27.6	0	0	0	0	0	0	0	0
KERALA	-802.42	0	-9.7	0	66.87	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	0	0	0	0	0	0	0	0	0	0	0
TAMILNADU	1,655.49	22.48	145.36	0	-138.42	0	0	0	0	0	0	0	0
TELANGANA	-83.94	3.86	1,577.6	0	577.28	0	0	0	0	0	0	0	0
TOTAL	-581.36	-170.66	1,664.09	0	940.71	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	-652.67	-11.7	422.16	0	-117.5	0	0	0	0	0	0	0	0
KARNATAKA	-724.1	-130.14	-252.6	0	654.46	0	0	0	0	0	0	0	0
KERALA	-602.42	8.19	180.7	0	673.76	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	0	0	-5	0	0	0	0	0	0	0	0
TAMILNADU	1,497.04	0	819.6	0	266.74	0	0	0	0	0	0	0	0
TELANGANA	-163.76	3.86	-909.81	0	429.01	0	0	0	0	0	0	0	0
TOTAL	-645.91	-129.79	260.05	0	1,901.47	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	53.23	-9.35	0.44	2.64	0	11.65	58.61
KARNATAKA	90.24	-17.01	-3.88	-1.8	0	3.75	71.3
KERALA	46.09	-14.27	0.66	1.22	0	5.02	38.72
PONDICHERY	10.51	0.06	0	0	0	-0.19	10.38
TAMILNADU	149.42	19.85	1.68	-2.66	0	2.44	170.73
TELANGANA	69.51	-1.31	1.8	48.19	0	9.64	127.83
TOTAL	419	-22.03	0.7	47.59	0	32.31	477.57

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	2,980.56	1,010.63	-187.4	-653.58	74.06	-14.91	0	0	0	0	438.36	-235.4	0	0
KARNATAKA	5,435	2,701.46	-596.29	-771.73	-108.53	-195.07	0	0	0	0	710.06	-254.7	0	0
KERALA	2,493.15	1,590.45	-457.46	-802.42	56.96	0	0	0	0	0	505.01	-9.7	0	0
PONDICHERY	505.49	376.2	6.75	0	0	0	0	0	0	0	0	0	0	0
TAMILNADU	7,425.05	4,136.98	1,891.24	-125.25	189.19	0	0	0	0	0	1212.54	-1403.37	0	0
TELANGANA	3,879.97	1,835.88	95.25	-163.76	215.69	3.86	0	0	0	0	4958.73	-1614.81	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	1,755.08	-473.57	0	0	0	0
KARNATAKA	0	0	0	0	0	0	0	0	869.84	-28.1	0	0	0	0
KERALA	0	0	0	0	0	0	0	0	673.76	18.58	0	0	0	0
PONDICHER ..	0	0	0	0	0	0	0	0	31.81	-49	0	0	0	0
TAMILNADU	0	0	0	0	0	0	0	0	1,184.66	-869.72	0	0	0	0
TELANGANA	0	0	0	0	0	0	0	0	1,733.84	-354	0	0	0	0

9. Synchronisation of new generating units :

SL.NO	Station Name	Owner	Inst. Capacity (MW)	Date	Time
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10. Synchronisation of new 220 / 400 / 765 KV Transmission elements and energising of bus /substation :

11.Significant events (If any):

1) At 08:52Hrs Bus bar protection operated at 220kV Pendurthi SS while taking 220kV Upper sileru-Pendurthi S/C shutdown by AP which leads to tripping of all the elements connected to 220kV Pendurthi Bus-1. Bus-1 normalized at 09:59Hrs.
2)At 16:06 Hrs, at 400/220 kV Podili (AP), Bus bar protection operated in 220 kV Bus-2. At the time of the incident,220kV bus-1 was already under shutdown for CVT testing and isolators maintenance. This led to the tripping of all 220kV feeders and ICTs 1, 2, and 3 at Podili.No load or generation loss occurred.System restored by 19:05 Hrs.

12.Constraints and instances of congestion in the transmission system

1) 400KV-KALVENDAPATTU-VALLUR-1 and 400KV-KALVENDAPATTU-VALLUR-2 lines are under S/D from 17.07.25; 08:50 Hrs and 18.07.25; 08:04 Hrs for providing of back stays and destripping of conductors between towers MC-054 to MC-059 (5 span) under TNRDC line diversion work
2) 220KV-MYSORE-HOOTAGALLI-2 aailed S/D on 16.07.2025 at 10:27Hrs for Replacement of existing drake ACSR by HPC conductor from 220kV Hootgalli R/S to 400kV Basthipura R/S
3) 400KV-KHAMMAM_PG-ASUPAKA & 400kV KHAMAM_PG-KALPAKA line under shutdown for execution/modification of line between the location Ex.T.No.796 to 797 (0.386 Kms).for execution of 400KV TMDC line Diversion works between the location Ex.T.No.796 to Ex.T.No.797 (0.386).For providing sufficient clearance over proposed 4 lane access controlled Greenfield Highway section of Khammam to Devarapally (NH-365BG) under TGTRANSCO supervision.

13. Weather Condition:

Tamilnadu: Moderate Rains reported in Tiruchi,Perumbalur,Manamadurai,Padalur,Chetput,Sriperumbadur areas.
Kerala: Light rains reported through out the state.
Karnataka: Light rains reported isolated places in state.

14. RE/Load Curtailment details

State	Load Curtailment (Shortage)			RE Curtailment				Reason
	Energy	Maximum	At the time of maximum demand	Wind		Solar		
	MU	MW	MW	Max MW	Energy(MU)	Max MW	Energy(MU)	
ANDHRA PRADESH	0	0	0	0	0	0	0	
KARNATAKA	0	0	0	0	0	0	0	
KERALA	0	0	0	0	0	0	0	
TAMILNADU	0	0	0	0	0	0	0	
PONDICHERRY	0	0	0	0	0	0	0	
TELANGANA	0	0	0	0	0	0	0	

15.Instances of persistant/significant non-complaint with grid code

State	Frequency and Deviation				Voltage				ICT loading			
	Alert	Emergency	Extreme Emergency	Non Compliance	Alert	Emergency	Extreme Emergency	Non Compliance	Alert	Emergency	Extreme Emergency	Non Compliance
ANDHRA PRADESH	1	0	0	0	9	2	0	0	0	0	0	0
KARNATAKA	0	0	0	0	6	12	0	0	0	0	0	0
KERALA	0	0	0	0	1	0	0	0	0	0	0	0
TAMILNADU	2	3	0	0	8	6	0	0	0	0	0	0
PONDICHERRY	0	0	0	0	0	0	0	0	0	0	0	0
TELANGANA	0	0	0	0	11	16	0	0	0	0	0	0

REMARKS:

Shift In Charge