

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 #
51,318	0	51,318	50.09	45,072	0	45,072	50	1,264.46	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	96.4	26.52	0	60.83	11.72	2.31	43.17	44.6	1.43	240.94	242.38	0
KARNATAKA	36.78	63.31	0	62.47	24.19	13.34	37.97	39.22	1.25	238.06	239.31	0
KERALA	0	42.66	0	0.72	1.33	0.26	35.61	35.15	-0.46	80.57	80.12	0
PONDICHERRY	0	0	0.59	0	0.07	0	10.31	10.42	0.11	10.97	11.08	0
TAMILNADU	69.36	29.97	3.59	79.76	45.7	12.26	185.53	184.36	-1.17	426.17	425	0
TELANGANA	83.49	41.61	0	2.03	10.6	4.19	124.34	124.66	0.32	266.25	266.57	0
Region	286.03	204.07	4.18	205.81	93.61	32.36	436.93	438.41	1.48	1,262.96	1,264.46	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	9,607	0	9,607	8,942	0	8,942	10,070	233	9.38
KARNATAKA	9,732	0	9,732	6,723	0	6,723	9,934	219.19	20.12
KERALA	4,121	0	4,121	2,826	0	2,826	3,208	76.63	3.49
PONDICHERRY	479	0	479	407	0	407	432	10.7	0.38
TAMILNADU	18,742	0	18,742	15,947	0	15,947	17,966	409	16
TELANGANA	8,637	0	8,637	10,227	0	10,227	11,455	276	-9.43
Region	51,318	0	51,318	45,072	0	45,072	53,065	1,224.52	39.94

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	11,658	09:39	0	11,658	11,658	09:39	0	11,658	796.41	10:15	-621.38	18:30
KAR	12,661	10:00	0	12,661	12,661	10:00	0	12,661	474	08:58	-825.03	20:29
KER	4,161	19:30	0	4,161	4,161	19:30	0	4,161	238.37	12:59	-210.91	15:21
PONDY	519	22:15	0	519	519	22:15	0	519	36.52	08:16	-44.81	19:00
TN	19,639	17:30	0	19,639	19,639	17:30	0	19,639	1,690.35	08:30	-916.19	10:06
TG	14,717	07:41	0	14,717	14,717	07:41	0	14,717	1,107.06	17:00	-746.74	09:46
Region	60,147	10:57:59	0	60,147	60,147	10:57:59	0	60,147	4,209.82	13:34	-2,409.03	21:28

3(A) State Entities Generation:

ANDHRA PRADESH											
Station/Constituents		Inst. Capacity	20:00	03:00	Day Peak		Min Generation (06:00-18:00)		Day Energy		AVG. MW
		(MW)	Peak MW	Off Peak MW	(MW)	Hrs	(MW)	Hrs	Gross Gen(MU)	Net Gen(MU)	
HINDUJA POWER CORPORATION LTD( 2 * 520 )		1,040	988	798	1,022	15:02	578	13:25	21.21	20.04	835
KRISHNAPATTANAM ( 3 * 800 )		2,400	1,118	1,650	1,680	05:00	899	11:38	31.89	29.8	1,242
RAYALASEEMA TPP( 1 * 600 + 5 * 210 )		1,650	990	595	1,030	21:49	514	10:10	19.07	17.15	715
SEIL P2 UNIT-2( 1 * 660 )		660	0	10	247	16:19	10	13:20	0.64	0.2	8
VIJAYAWADA TPS( 1 * 800 + 1 * 500 + 6 * 210 )		2,560	1,276	1,170	1,327	09:06	1,126	11:30	32.24	29.21	1,217
OTHER THERMAL		0	0	0	0	00:00	0	-	-	-	-
Total THERMAL		8,310	4,372	4,223	-	-	-	-	105.05	96.4	4,017
HAMPI		36	0	0	18	00:00	0	-	0.43	0.43	18
LOWER SILERU( 4 * 115 )		460	196	188	379	09:21	13	06:00	4.04	4.02	168
SRISAILAM RBPH( 7 * 110 )		770	635	632	640	14:56	627	07:54	15.35	15.31	638
UPPER SILERU( 4 * 60 )		240	111	111	223	15:30	1	06:05	2.97	2.97	124
OTHER HYDEL		431	150	151	157	00:00	0	-	3.79	3.78	158
Total HYDEL		1,937	1,092	1,082	-	-	-	-	26.58	26.51	1,106
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	2,433	2,448	3,245	12:01	2,015	07:16	60.83	60.83	2,535
SOLAR	3,192	0	0	1,859	10:39	3	06:00	11.72	11.72	488
OTHERS	619	86	89	98	00:00	76	06:00	2.31	2.31	96
Total AP	21,178	7,983	7,842	-	-	-	-	206.49	197.77	8,242

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	387	278	391	19:28	260	08:31	8.13	7.05	294
KAKATIYA ST1&ST2( 1 * 500 + 1 * 600 )	1,100	1,020	607	1,051	18:26	588	06:18	19.53	18.35	765
KOTHAGUEDEM TPS( 1 * 500 + 1 * 800 + 2 * 250 )	1,800	792	836	901	22:47	565	11:09	17.84	16.68	695
RAMAGUNDAM-B( 1 * 62.5 )	63	0	0	0	00:00	0	06:00	0	0	0
SINGARENI TPS( 2 * 600 )	1,200	1,186	673	1,215	07:35	662	10:19	20.73	19.4	808
YADADRI( 2 * 800 )	1,600	1,060	492	1,339	19:31	892	16:42	23.41	22.02	918
Total THERMAL	6,843	4,445	2,886					89.64	83.5	3,480
NAGARJUNA SAGAR( 1 * 110 + 7 * 100.8 )	816	703	691	715	19:38	636	17:31	17	16.94	706
NAGARJUNA SAGAR (PUMP)( 1 * 110 + 7 * 100.8 )	816	0	0	0	00:00	0	-	0	0	0
SRISAILAM LBPH( 6 * 150 )	900	711	710	716	14:27	701	17:35	17.11	17.07	711
SRISAILAM LBPH(PUMP)( 6 * 150 )	900	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	957	266	417	417	00:00	0	06:00	7.65	7.6	317
Total HYDEL	2,673	1,680	1,818					41.76	41.61	1,734
WIND	128	0	0	85	00:00	0	-	2.03	2.03	85
SOLAR	3,811	0	0	1,732	11:09	9	06:03	10.6	10.6	442
OTHERS	252	0	0	175	00:00	0	-	4.19	4.19	175
Total TG	13,707	6,125	4,704					148.22	141.93	5,916

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	397	828	860	06:06	354	14:54	15.42	14.29	595
JINDAL( 2 * 130 + 4 * 300 )	1,460	0	0	349	20:15	0	-	21.96	20.16	84
JINDAL (EXCL. CAPTIVE CONSUMPTION)( 2 * 130 + 4 * 300 )	1,460	262	21	349	20:15	0	06:19	2.02	2.02	84
RAICHUR TPS( 1 * 250 + 7 * 210 )	1,720	394	432	565	23:57	260	12:33	10.57	9.27	386
UPCL( 2 * 600 )	1,200	0	0	0	00:00	0	06:26	0	0	0
YERAMARAS TPS( 2 * 800 )	1,600	525	492	544	19:00	395	14:48	12.21	11.2	467
Total THERMAL	7,680	1,578	1,773	-	-	-	-	40.22	36.78	776
NAGJHERI( 1 * 135 + 5 * 150 )	885	701	444	708	04:25	469	13:07	14.96	14.81	617
SHARAVATHI( 10 * 103.5 )	1,035	782	842	859	14:18	395	09:54	19.73	19.59	816
VARAHI UGPH( 4 * 115 )	460	445	354	467	19:45	43	10:01	7.06	6.97	290
OTHER HYDEL	2,137	1,438	890	1,438	06:19	771	06:00	21.95	21.95	915
Total HYDEL	4,517	3,366	2,530	-	-	-	-	63.7	63.32	2,638
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	2,022	2,713	3,311	13:58	2,545	06:09	62.47	62.47	2,603
SOLAR	6,404	0	0	3,343	12:45	0	06:00	24.19	24.19	1,008
OTHERS	1,832	79	88	1,564	07:28	49	13:16	13.34	13.34	1,564
Total KAR	25,967	7,045	7,104	-	-	-	-	203.92	200.1	8,589

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	611	615	639	17:56	308	12:31	14.26	14.22	593
LOWER PERIYAR ( 3 * 60 )	180	120	120	121	06:21	120	06:22	2.89	2.88	120
SABARIGIRI( 2 * 60 + 4 * 55 )	340	295	299	302	17:45	226	11:05	6.97	6.95	290
OTHER HYDEL	834	686	702	775	00:00	455	06:00	18.6	18.6	775
Total HYDEL	2,134	1,712	1,736	-	-	-	-	42.72	42.65	1,778
BRAHMAPURAM DGPP (DIESEL)( 3 * 21.32 )	64	0	0	0	00:00	4	11:37	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	06:44	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	-	0.72	0.72	30
SOLAR	417	0	0	55	00:00	0	-	1.33	1.33	55
OTHERS	20	0	0	11	00:00	0	-	0.26	0.26	11
Total KER	3,350	1,712	1,736	-	-	-	-	45.03	44.96	1,874

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	1,024	1,003	1,051	19:34	821	10:00	23.47	21.58	899
NCTPS STG3( Infirm - 800 MW )	0	0	0	594	00:00	0	-	15.23	14.25	594
NORTH CHENNAI TPS STG-II( 2 * 600 )	1,200	437	437	437	00:00	437	06:00	10.15	9.41	392
NORTH CHENNAI TPS( 3 * 210 )	630	461	461	461	00:00	461	06:00	7.6	6.55	273
OPG PGPL	414	0	0	241	00:00	0	-	6.37	5.79	241
SEPC( 1 * 525 )	525	0	0	0	00:00	9	15:17	0	0	0
ST - CMS( 1 * 250 )	250	0	0	0	00:00	1	06:00	0	0	0
TUTICORIN( 5 * 210 )	1,050	497	510	531	07:32	0	15:17	13.07	11.78	491
Total THERMAL	5,509	2,419	2,411					75.89	69.36	2,890
KADAMPARAI ( 4 * 100 )	400	98	0	102	10:15	3	06:53	0.92	0.92	38
KADAMPARAI (PUMP)( 4 * 100 )	400	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	1,826	1,277	1,212	1,277	01:07	205	07:54	29.34	29.05	1,210
Total HYDEL	2,226	1,375	1,212					30.26	29.97	1,248
BASIN BRIDGE (NAPTHA)( 4 * 30 )	120	0	0	0	00:00	0	11:01	0	0	0
KOVIL KALAPPAL (GAS)( 1 * 37.8 + 1 * 70 )	108	0	0	0	00:00	0	06:02	0	0	0
KUTTALAM (GAS)( 1 * 37 + 1 * 64 )	101	31	85	86	06:01	29	17:10	1.96	1.82	76
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	1.91	1.77	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	172	226					3.87	3.59	150
WIND	9,299	4,348	1,739	4,844	16:11	1,582	06:00	79.76	79.76	3,323
SOLAR	8,631	0	0	6,223	11:41	12	06:02	45.7	45.7	1,904
OTHERS	2,029	638	587	638	00:00	400	06:00	12.26	12.26	511
Total TN	29,115	8,952	6,175					247.74	240.64	10,026

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	785	491	833	19:51	425	08:05	12.22	11.38	474
NEYVELI TS I EXPN ( 2 * 210 )	420	339	301	363	20:25	255	14:26	7.75	7.16	298
NEYVELI TS II( 7 * 210 )	1,470	452	434	492	07:25	382	12:47	12.86	9.83	410
NEYVELI TS II EXPN ( 2 * 250 )	500	134	137	144	06:07	91	12:30	3.79	3.06	128
NNTPS( 2 * 500 )	1,000	458	412	481	18:17	269	10:26	10.75	8.88	370
NTPC-TELANGANA STPP(2*800)	1,600	707	0	707	20:00	0	-	10.5	8.96	373
RAMAGUNDAM( 3 * 200 + 4 * 500 )	2,600	2,299	1,391	2,403	19:52	1,312	08:17	42.78	39.38	1,641
SIMHADRI STAGE I( 2 * 500 )	1,000	539	563	891	22:22	512	16:38	17.13	15.75	656
SIMHADRI STAGE II( 2 * 500 )	1,000	530	546	949	22:49	506	08:44	16.93	15.93	664
TALCHER ST2( 4 * 500 )	2,000	1,371	1,328	1,402	05:45	811	10:46	32.19	29.82	1,243
Total THERMAL	13,990	7,614	5,603	-	-	-	-	166.9	150.15	6,257
KAIGA STG1( 2 * 220 )	440	198	195	204	12:06	184	09:29	5.35	4.9	204
KAIGA STG2( 2 * 220 )	440	425	422	436	10:16	419	10:09	11.38	10.46	436
KUDANKULAM( 2 * 1000 )	2,000	1,946	1,962	1,974	00:01	1,925	16:59	47.05	44.3	1,846
MAPS( 2 * 220 )	440	246	247	252	08:07	231	07:21	5.36	4.48	187
Total NUCLEAR	3,320	2,815	2,826	-	-	-	-	69.14	64.14	2,673
Total ISGS	17,310	10,429	8,429					236.04	214.29	8,930

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	925	554	955	19:21	488	11:49	16.23	15.25	635
VALLUR TPS( 3 * 500 )	1,500	909	566	960	06:43	498	08:00	16.55	15.13	630
Total THERMAL	2,500	1,834	1,120	-	-	-	-	32.78	30.38	1,265
Total JOINT_VENTURE	2,500	1,834	1,120					32.78	30.38	1,265

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	516	523	552	04:31	501	12:34	13.14	11.93	497
IL&FS( 2 * 600 )	1,200	844	836	858	15:17	671	11:10	21.83	20.28	845
JINDAL POWER LIMITED (SIMHAPURI UNIT)( 4 * 150 )	600	276	195	278	20:03	99	13:38	4.68	4.19	175
MEENAKSHI ENERGY LTD STAGE1( 2 * 150 )	300	0	0	94	00:00	0	10:17	2.57	2.26	94
MEENAKSHI ENERGY LTD STAGE2( 1 * 350 )	350	0	0	227	00:00	0	-	6.07	5.45	227
SEIL P1( 2 * 660 )	1,320	1,257	1,020	1,264	22:59	712	11:08	25.42	24.08	1,003
SEIL P2 UNIT-1( 1 * 660 )	660	384	601	630	06:10	366	11:26	10.96	9.75	406
Total THERMAL	5,630	3,277	3,175	-	-	-	-	84.67	77.94	3,247
LKPPL ST2( 1 * 133 + 1 * 233 )	366	161	0	166	20:45	6	09:56	2.56	2.47	103
LKPPL ST3( 2 * 133 + 2 * 233 )	732	0	0	0	00:00	0	-	0	0	0
Total GAS/NAPTHA/DIESEL	1,098	161	0	-	-	-	-	2.56	2.47	103
Total REGIONAL_IPP	6,728	3,438	3,175					87.23	80.41	3,350

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	58	57	62	20:39	58	15:00	1.38	1.38	58
GADAG_RSPLL_W	175	105	156	134	20:00	167	14:01	3.22	3.22	134
GADAG_VENA_W	133	84	110	123	20:00	0	-	2.95	2.95	123
GREEN INFRA( 1 * 249.90 )	250	201	31	244	18:01	8	08:36	2.32	2.32	97
HIRIYUR_OSTRO( 1 *300.3)	300	0	0	0	00:00	0	10:36	0	0	0
HIRIYUR_ZREPL_W	66	34	61	139	20:00	0	-	3.34	3.34	139
JSW RENEW ENERGY TWO LTD	300	105	16	180	18:44	1	08:44	1.2	1.2	50
KARUR_JSWRETWO_W	150	84	60	84	20:00	0	-	1.93	1.93	80
KOPPAL_AYANASIX_W	300	172	250	223	20:00	0	-	5.36	5.36	223
KOPPAL_RENEWOJAS_W	308	0	175	322	10:30	0	13:29	5.26	5.26	219
KOPPAL_RENEWROSHNI_W	291	133	199	248	12:21	0	11:52	4.24	4.24	177
KURNOOL_AMGREEN_W	301	0	0	229	00:00	0	06:00	5.5	5.5	229
MYTRA( 1 * 250 )	250	50	11	189	18:49	0	07:19	0.83	0.83	35
ORANGE( 1 * 200 )	200	159	36	185	18:37	17	08:27	1.95	1.95	81
PGLR_SAUPL_W	53	0	0	0	00:00	0	-	0	0	0
PGLR_SREPL( 1 * 300 )	300	257	137	267	20:07	136	06:00	4.91	4.91	205
TUTICORINJSWRENEWW( 1 * 51.3 )	540	225	56	225	20:00	0	-	3.19	3.19	133
VIVID SOLAIRE (BEETAM)( 1 * 220 )	220	199	59	218	18:20	30	07:38	2.77	2.77	115
Total RENEWABLE_WIND	4,192	1,866	1,414					50.35	50.35	2,098

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	12:21	1	06:04	1.65	1.65	138
ANP_ATHENA BIWADI( 1 * 50 )	50	0	0	53	12:16	0	06:00	0.3	0.3	25
ANP_ATHENA HISAR( 1 * 50 )	50	0	0	51	12:21	0	06:00	0.27	0.27	23
ANP_ATHENA KARNAL( 1 * 50 )	50	0	0	52	11:20	0	06:00	0.28	0.28	23
ANP_AYANA( 1 * 250 )	250	0	0	268	13:22	0	06:02	1.5	1.5	125
ANP_AZURE( 1 * 50 )	50	0	0	46	12:53	0	06:00	0.24	0.24	20
ANP_IGS1( 1 * 50 )	50	0	0	52	11:20	0	06:00	0.27	0.27	23
ANP_IGS2( 1 * 50 )	50	0	0	52	13:25	0	07:07	0.3	0.3	25
ANP_NTPC( 5 * 50 )	250	0	0	178	12:56	1	06:02	0.97	0.97	81
ANP_TATA( 2 * 50 )	100	0	0	98	12:22	0	06:00	0.5	0.5	42
SPRING ANG ITRA( 1 * 250 )	250	0	0	229	11:52	0	06:02	1.37	1.37	114
PAVAGADA										
PVG_ADYAH( 6 * 50 )	300	0	0	64	00:00	0	16:38	1.55	1.55	129
PVG_AMPLUS PAVAGADA( 1 * 50 )	50	0	0	52	13:32	1	06:00	0.28	0.28	23
PVG_AMPLUS TUMKUR( 1 * 50 )	50	0	0	52	11:33	1	06:00	0.28	0.28	23
PVG_AVAADA SOLAR( 3 * 50 )	150	0	0	150	13:09	1	06:00	0.78	0.78	65
PVG_AVAADA SOLARISE( 3 * 50 )	150	0	0	153	11:31	1	06:00	0.73	0.73	61
PVG_AZURE POWER EARTH ( 2 * 50 )	100	0	0	76	14:14	1	06:05	0.42	0.42	35
PVG_FORTUM FIN SURYA( 2 * 50 )	100	0	0	74	13:04	1	06:01	0.36	0.36	30
PVG_IRCON_S	225	0	0	56	00:00	0	-	1.34	1.34	112
PVG_KREDL( 1 * 50 )	50	0	0	48	12:42	1	06:00	0.26	0.26	22
PVG_PARAMPUJYA( 3 * 50 )	150	0	0	127	11:35	1	06:00	0.68	0.68	57
PVG_RENEW TN2( 1 * 50 )	50	0	0	48	13:11	1	06:00	0.25	0.25	21
PVG_SBG ENERGY( 4 * 50 )	200	0	0	177	15:19	0	06:00	0.98	0.98	82
PVG_SPRING SOLAR INDIA( 5 * 50 )	250	0	0	221	12:40	1	06:00	1.25	1.25	104
PVG_TATA RENEWABLES( 8 * 50 )	400	0	0	319	14:18	1	06:00	1.88	1.88	157
PVG_YARROW( 1 * 50 )	50	0	0	48	14:20	1	06:00	0.28	0.28	23
OTHER										
GADAG_VENA_S	31	0	0	7	00:00	0	-	0.17	0.17	14
GRT( 1 * 150 )	150	0	0	150	12:02	0	06:00	1.03	1.03	86
KOPPAL_KLEIO_S	105	0	0	16	00:00	0	-	0.39	0.39	33
KOPPAL_RENEWOJAS_S	81	0	0	11	00:00	0	06:00	0.27	0.27	23
KOPPAL_SRIIPL_S	179	0	0	45	00:00	0	-	1.07	1.07	89
KURNOOL_AMGREEN_S	550	0	0	0	00:00	0	-	0	0	0
NTPC ETTAYAPURAM SOLAR PLANT	230	0	0	247	13:00	0	06:00	1.73	1.73	144
RAMANGUNDAM (SOLAR)( 1 * 100 )	100	0	0	20	04:33	20	10:36	0.48	0.48	40
SIMHADRI (SOLAR)( 1 * 25 )	25	0	0	0	00:00	0	10:36	0	0	0
Total	5,126	0	0					24.11	24.11	2,012

Total ISGS IPP Thermal	22,120	12,725	9,898					284.35	258.47	
STATE THERMAL	28,342	12,814	11,293					310.8	286.04	
Total CPP Import										
Total ISGS & IPP Hydro										
HYDEL	13,487	9,225	8,378	-	-	-	-	205.33	204.06	
GAS/NAPTHA/DIESEL	6,826	333	226	-	-	-	-	6.43	6.65	
NUCLEAR	3,320	2,815	2,825	-	-	-	-	69.14	64.14	
WIND	23,181	10,669	8,314	-	-	-	-	256.16	256.16	
SOLAR	27,683	0	0	-	-	-	-	117.71	117.71	
OTHERS	4,752	803	764	-	-	-	-	32.36	32.36	

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	601	297	632	-	8.03	0	8.03
3	765KV-SRIKAKULAM-ANGUL	1,241	2,042	2,932	-	39.94	0	39.94
4	HVDC500KV-TALCHER-KOLAR_DC	988	988	1,972	-	27.16	0	27.16
Sub-Total EAST REGION		2,830	3,327	5,536	0	75.13	0	75.13
Import/Export between SOUTH REGION and WEST REGION								
1	220KV-AMBEWADI-PONDA	0	0	-	-	0	0	0
2	220KV-AMBEWADI-XELDEM	91	76	-	115	0	2.1	-2.1
3	220KV-CHIKKODI-MUDASANGI	0	0	0	-	-	-	-
4	220KV-CHIKKODI-TALANGADE	-	-	-	-	-	-	-
5	220KV-LOWER_SILERU-BARSUR	-	-	-	-	-	-	-
6	400KV-BHADRAVTAHI-RAMAGUNDAM	309	306	321	-	0	7.38	-7.38
7	400KV-KUDGI_PG-KHOLAPUR_PG	1,162	1,054	-	1,992	0	29.55	-29.55
8	765KV-NIZAMABAD-WARDHA	306	1,627	3,158	-	31.6	0	31.6
9	765KV-RAICHUR_PG-SHOLAPUR	919	51	1,597	-	0	8.64	-8.64
10	765KV-WARANGAL(NEW)-WARORA	460	1,612	3,221	-	31.79	0	31.79

11	HVDC800KV-RAIGARH HVDC-PUGALUR HVDC	299	605	1,201	-	0	17.49	-17.49
Sub-Total WEST REGION		3,546	5,331	9,498	2,107	63.39	65.16	-1.77
TOTAL IR EXCHANGE		6,376	8,658	15,034	2,107	138.52	65.16	73.36

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	8.6	-12.05	0	0	0	0	-31.84	45.316	77.156
SR-WR	32.32	-41.73	-1.13	52.75	0	29.35	74.9	-1.768	-76.668
Total	40.92	-53.78	-1.13	52.75	0	29.35	43.06	43.548	0.488

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	6.134	72.87	55.544	20.995

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

Maximum		Minimum		Average Frequency	Freq Variation Index	Standard Deviation	Freq. in 15 mnt blk	
Frequency	Time	Frequency	Time				Max.	Min.
50.195	11:05:30	49.769	14:40:50	50.004	0.037	0.06	50.15	49.85

6.Voltage Profile: 400kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 380	< 390	> 420	> 430
GHANAPUR - 400KV	422	00:00	396	07:02	0	0	10.903	0
GOOTY - 400KV	419	23:59	397	07:06	0	0	0	0
HIRIYUR - 400KV	423	23:59	399	06:47	0	0	2.778	0
KAIGA - 400KV	419	23:59	397	06:49	0	0	0	0
KOLAR_AC - 400KV	422	23:49	393	09:52	0	0	8.819	0
KUDANKULAM - 400KV	414	03:23	401	10:48	0	0	0	0
SHANKARAPALLY - 400KV	410	01:56	398	07:05	0	0	0	0
SOMANAHALLI - 400KV	419	02:01	393	06:43	0	0	0	0
SRIPERUMBADUR - 400KV	410	03:32	391	10:52	0	0	0	0
TRICHY - 400KV	416	20:22	396	10:42	0	0	0	0
TRIVANDRUM - 400KV	419	04:00	394	11:09	0	0	0	0
VIJAYAWADA - 400KV	423	18:19	383	07:43	0	4.306	.069	0

6.1 Voltage Profile: 220kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 198	< 210	> 235	> 245
GHANAPUR - 220KV	235	00:00	217	07:07	0	0	0	0
GOOTY - 220KV	227	23:49	213	07:05	0	0	0	0
HIRIYUR - 220KV	230	23:59	214	11:46	0	0	0	0
KAIGA - 220KV	236	02:02	223	06:49	0	0	15.417	0
KOLAR_AC - 220KV	231	23:59	212	09:36	0	0	0	0
SOMANAHALLI - 220KV	227	02:02	227	02:02	0	0	0	0
SRIPERUMBADUR - 220KV	0	00:00	0	00:00	N/A	N/A	N/A	N/A
TRICHY - 220KV	229	20:09	217	09:58	0	0	0	0
TRIVANDRUM - 220KV	231	04:00	219	10:51	0	0	0	0
VIJAYAWADA - 220KV	230	18:02	222	07:07	0	0	0	0

6.2 Voltage Profile: 765kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 720	< 750	> 780	> 800
KURNOOL - 765KV	788	02:29	747	07:05	0	1.46	46.74	0
NIZAMABAD - 765KV	801	15:04	745	07:02	0	3.54	85	8.54
RAICHUR_PG - 765KV	791	02:08	750	07:03	0	0	52.64	0
SRIKAKULAM - 765KV	786	13:33	744	06:53	0	4.17	27.57	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	1,465	0	1,080	26.94	14.01	660.69	262.03
IDUKKI	694.94	732.43	2,148	724.03	1,518	719.5	1,201	22.75	12.09	673.2	435.51
JALAPUT	818.39	838.4	534	834.97	391	833.45	334	7.2	2.26	6,157.29	65.37
N.SAGAR	155.45	179.9	1,398	178.92	956	156.85	44	133.43	17	1,281.69	142.56
SRISAILAM	243.84	270.7	1,392	269.08	958	268.8	931	126.53	32.3	1,833.12	981.44
SUPA	495	564	3,159	551	2,063	552.5	2,177	25.45	13.19	656.39	373.88
LINGANAMAKKI	522.73	554.5	4,557	551.99	3,788	551.84	3,742	32.64	16.57	1,616.61	441.15
KAKKI	908.3	981.45	916	975.02	701	964.57	436	8.73	7.13	345.53	209.17
TOTAL	-	-	15,608	-	11,840	-	9,945	383.67	120.45	13,224.52	3,075.71

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	-567.68	-10.92	31.93	0	56.41	0	0	0	0	0	0	0	0
KARNATAKA	-771.7	-180.68	-80.27	0	-22	0	0	0	0	0	0	0	0
KERALA	-802.64	0	-10.1	0	22.09	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	0	0	0	0	0	0	0	0	0	0	0
TAMILNADU	1,645.51	47.42	348.99	0	642.5	0	0	0	0	0	0	0	0
TELANGANA	-83.94	3.86	2,656.06	0	625.67	0	0	0	0	0	0	0	0
TOTAL	-580.45	-140.32	2,946.61	0	1,324.67	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	-651.72	-12.26	436.98	0	179.19	0	0	0	0	0	0	0	0
KARNATAKA	-754.15	-136.16	-300.8	0	-21.4	0	0	0	0	0	0	0	0
KERALA	-602.64	49.35	-10.1	0	963.22	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	0	0	-3	0	0	0	0	0	0	0	0
TAMILNADU	1,270.88	81.71	409.84	0	138.85	0	0	0	0	0	0	0	0
TELANGANA	-163.76	3.86	-51.81	0	-4	0	0	0	0	0	0	0	0
TOTAL	-901.39	-13.5	484.11	0	1,252.86	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	44.78	-9.04	0.3	3.22	0	3.91	43.17
KARNATAKA	60.99	-17.37	-4.27	-4.44	0	3.06	37.97
KERALA	42.89	-14.24	0.78	0.57	0	5.61	35.61
PONDICHERY	10.23	0.11	0	0	0	-0.03	10.31
TAMILNADU	157.24	17.27	2.09	-4.74	0	13.67	185.53
TELANGANA	57.66	-1.14	1.71	60.14	0	5.97	124.34
TOTAL	373.79	-24.41	0.61	54.75	0	32.19	436.93

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	2,413.91	777.45	-154.98	-652.22	66.99	-13.4	0	0	0	0	454.68	-142.1	0	0
KARNATAKA	4,232.86	866.01	-594.57	-891.73	-124.06	-291.69	0	0	0	0	-57.05	-446.31	0	0
KERALA	2,335.98	1,366.89	-453.6	-802.64	60.43	0	0	0	0	0	279.04	-10.1	0	0
PONDICHERY	501.14	369.84	12.53	0	0	0	0	0	0	0	0	0	0	0
TAMILNADU	7,829.63	4,727.17	1,645.51	-125.25	184.37	0	0	0	0	0	886.47	-1381.8	0	0
TELANGANA	3,220.04	1,705.25	96.23	-163.76	215.89	3.86	0	0	0	0	5588.62	-448.81	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	1,444.88	-466.79	0	0	0	0
KARNATAKA	0	0	0	0	0	0	0	0	1,134.76	-27.64	0	0	0	0
KERALA	0	0	0	0	0	0	0	0	1,060.08	9.27	0	0	0	0
PONDICHER ..	0	0	0	0	0	0	0	0	27.26	-44	0	0	0	0
TAMILNADU	0	0	0	0	0	0	0	0	2,648.47	-790.07	0	0	0	0
TELANGANA	0	0	0	0	0	0	0	0	1,413.96	-1,404	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 :

1. 400/220kV Hassan ICT-3 FTC (Idle charged from HV end) at 23:55 Hrs.
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11.Significant events (If any):

1) 400KV Kudgi - Koppal I tripped at 12:45 hrs on Y-N fault. 400/220 Koppal ICT 3 & 5 tripped at 12:45 hrs. As Bus-2 S/D is going on at that time. ICT-3 and Kudgi-koppal-I line is in same dia & due to tripping tie bay during line isolation ICT-3 tripped. Due to protection settings issue ICT-5 tripped. ICT-3 charged at 15:41 hrs. ICT-5 charged at 17:21 hrs. Line patrolling is under progress.
---

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 destringing of conductors between towers MC-054 to MC-059 (5 span) under TNRDC line diversion work
2) 220KV-MYSORE-HOOTAGALLI-2 availed 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:

Karnataka : Light rains reported in coastal part of the state.
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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	0	0	0	6	0	0	0	0	0	0	0
KARNATAKA	0	0	0	0	6	2	0	0	0	0	0	0
KERALA	0	0	0	0	0	0	0	0	0	0	0	0
TAMILNADU	0	1	0	0	4	3	0	0	0	0	0	0
PONDICHERRY	0	0	0	0	0	0	0	0	0	0	0	0
TELANGANA	0	1	0	0	11	16	0	0	0	0	0	0

REMARKS:

Shift In Charge