

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 #
42,826	0	42,826	50.02	39,944	0	39,944	49.99	1,051.87	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	109.18	22.51	0	18.49	10.5	3.12	39.58	38.1	-1.48	203.38	201.9	0
KARNATAKA	63.28	46.05	5.12	27.27	27.69	11.82	30.33	30.55	0.22	211.55	211.77	0
KERALA	0	28.63	0	0.73	1.36	0.27	47.27	47.78	0.51	78.26	78.77	0
PONDICHERRY	0	0	0.56	0	0.03	0	8.51	8.35	-0.16	9.1	8.94	0
TAMILNADU	62.23	16.77	3.51	77.42	42.9	4.81	110.78	107.73	-3.05	318.41	315.36	0
TELANGANA	95.81	44.19	0	0.47	14.4	4.97	75.36	75.29	-0.07	235.2	235.13	0
Region	330.5	158.15	9.19	124.38	96.88	24.99	311.83	307.8	-4.03	1,055.9	1,051.87	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	8,655	0	8,655	8,084	0	8,084	8,427	214	-12.1
KARNATAKA	8,064	0	8,064	6,880	0	6,880	8,840	207.12	4.65
KERALA	4,010	0	4,010	3,197	0	3,197	3,170	78.73	0.03
PONDICHERRY	383	0	383	320	0	320	354	9.44	-0.5
TAMILNADU	13,679	0	13,679	12,712	0	12,712	13,390	328	-12.64
TELANGANA	8,035	0	8,035	8,751	0	8,751	10,053	249	-13.87
Region	42,826	0	42,826	39,944	0	39,944	44,234	1,086.29	-34.43

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	9,110	12:35	0	9,110	9,110	12:35	0	9,110	667.78	22:11	-548.48	12:14
KAR	11,281	10:00	0	11,281	11,281	10:00	0	11,281	710.67	06:03	-540	11:35
KER	4,088	22:00	0	4,088	4,088	22:00	0	4,088	230.11	07:17	-445.57	16:06
PONDY	400	21:45	0	400	400	21:45	0	400	59.05	16:06	-37.14	07:41
TN	14,381	19:00	0	14,381	14,381	14:38	0	14,381	2,066.14	16:01	-863.79	07:31
TG	12,384	11:19	0	12,384	12,384	11:19	0	12,384	697.57	15:30	-1,236.69	16:02
Region	48,410	09:46:32	0	48,410	48,410	09:46:32	0	48,410	4,485.17	15:55	-2,347.34	10:36

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	950	580	963	00:00	571	06:52	16.82	15.79	658
KRISHNAPATTANAM ( 3 * 800 )	2,400	1,379	1,309	1,417	21:11	1,159	08:27	32.52	30.07	1,253
RAYALASEEMA TPP( 1 * 600 + 5 * 210 )	1,650	917	921	1,265	19:01	890	15:15	24.48	21.89	912
SEIL P2 UNIT-2( 1 * 660 )	660	626	627	633	17:23	341	10:17	14.45	13.68	570
VIJAYAWADA TPS( 1 * 800 + 1 * 500 + 6 * 210 )	2,560	1,247	1,206	1,302	19:37	1,059	15:13	31.11	27.75	1,156
OTHER THERMAL	0	0	0	0	00:00	0	-	-	-	-
Total THERMAL	8,310	5,119	4,643	-	-	-	-	119.38	109.18	4,549
HAMPI	36	0	0	19	00:00	0	-	0.45	0.45	19
LOWER SILERU( 4 * 115 )	460	13	13	146	01:27	13	10:33	3.53	3.51	146
SRISAILAM RBPH( 7 * 110 )	770	632	395	914	07:32	544	06:51	14.13	14.1	588
UPPER SILERU( 4 * 60 )	240	0	55	161	12:45	2	13:58	0.82	0.81	34
OTHER HYDEL	431	124	335	335	00:00	0	-	3.65	3.64	152
Total HYDEL	1,937	769	798	-	-	-	-	22.58	22.51	939
GAUTAMI CCPP( 1 * 174 + 2 * 145 )	464	0	0	0	00:00	0	10:33	0	0	0
GMR (BARG)( 1 * 237 )	237	0	0	0	00:00	0	10:33	0	0	0
JEGURUPADU (GAS)(1 * 49.9 + 1 * 75.5 + 2 * 45.8 )	217	0	0	0	00:00	0	10:33	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	10:33	0	0	0
LANCO (GAS)( 1 * 121 + 2 * 115 )	351	0	0	0	00:00	0	10:33	0	0	0
RELIANCE ENERGY LTD. (GAS)(1 * 140 + 1 * 80 )	220	0	0	0	00:00	0	10:33	0	0	0
SPECTRUM (GAS)( 1 * 46.8 + 1 * 68.8 + 2 * 46.1 )	208	0	0	0	00:00	0	10:33	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	10:32	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	245	1,335	1,898	23:02	183	17:55	18.49	18.49	770
SOLAR	3,356	0	0	1,679	14:38	0	06:01	10.5	10.5	438
OTHERS	619	89	87	130	01:27	86	16:36	3.12	3.12	130
Total AP	21,342	6,222	6,863	-	-	-	-	174.07	163.8	6,826

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	569	430	653	18:13	416	14:08	12.64	11.13	464
KAKATIYA ST1&ST2( 1 * 500 + 1 * 600 )	1,100	916	609	1,065	06:38	594	11:54	19.85	18.69	779
KOTHAGUEDEM TPS( 1 * 500 + 1 * 800 + 2 * 250 )	1,800	1,116	997	1,403	18:55	986	08:27	26.61	24.69	1,029
RAMAGUNDAM-B( 1 * 62.5 )	63	0	0	0	00:00	0	07:30	0	0	0
SINGARENI TPS( 2 * 600 )	1,200	1,168	686	1,202	21:08	666	10:03	21.61	20.18	841
YADADRI( 2 * 800 )	1,600	1,083	906	1,425	19:32	813	15:33	22.76	21.12	880
Total THERMAL	6,843	4,852	3,628					103.47	95.81	3,993
NAGARJUNA SAGAR( 1 * 110 + 7 * 100.8 )	816	811	820	827	07:36	793	09:52	19.81	19.75	823
NAGARJUNA SAGAR (PUMP)( 1 * 110 + 7 * 100.8 )	816	0	0	0	00:00	0	-	0	0	0
SRISAILAM LBPH( 6 * 150 )	900	705	713	714	02:46	700	14:08	17.04	17.01	709
SRISAILAM LBPH(PUMP)( 6 * 150 )	900	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	957	293	312	312	00:00	0	13:35	7.51	7.43	310
Total HYDEL	2,673	1,809	1,845					44.36	44.19	1,842
WIND	128	0	0	20	00:00	0	-	0.47	0.47	20
SOLAR	3,818	0	0	2,160	12:08	0	06:00	14.4	14.4	600
OTHERS	252	0	0	207	00:00	0	-	4.97	4.97	207
Total TG	13,714	6,661	5,473					167.67	159.84	6,662

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	562	761	820	18:20	517	12:51	16.53	15.4	642
JINDAL( 2 * 130 + 4 * 300 )	1,460	0	0	182	09:09	0	-	20.43	18.82	23
JINDAL (EXCL. CAPTIVE CONSUMPTION)( 2 * 130 + 4 * 300 )	1,460	115	52	182	09:09	0	06:00	0.56	0.56	23
RAICHUR TPS( 1 * 250 + 7 * 210 )	1,720	867	742	952	18:23	702	15:51	21.77	19.32	805
UPCL( 2 * 600 )	1,200	493	305	503	20:06	286	10:17	8.43	7.69	320
YERAMARAS TPS( 2 * 800 )	1,600	981	850	1,006	18:36	797	14:45	22.02	20.3	846
Total THERMAL	7,680	3,018	2,710	-	-	-	-	69.31	63.27	1,875
NAGJHERI( 1 * 135 + 5 * 150 )	885	402	570	694	18:58	193	14:46	10.5	10.4	433
SHARAVATHI( 10 * 103.5 )	1,035	362	847	872	07:28	257	14:31	17.39	17.25	719
VARAHI UGPH( 4 * 115 )	460	58	58	461	11:23	45	09:46	3.38	3.32	138
OTHER HYDEL	2,137	1,267	752	1,267	00:06	675	06:31	15.08	15.08	628
Total HYDEL	4,517	2,089	2,227	-	-	-	-	46.35	46.05	1,918
OTHER GAS/NAPTHA/DIESEL	126	0	0	213	00:00	1	10:33	5.12	5.12	213
Total GAS/NAPTHA/DIESEL	126	0	0	-	-	-	-	5.12	5.12	213
WIND	5,440	2,019	1,227	2,170	20:27	588	13:46	27.27	27.27	1,136
SOLAR	6,571	0	0	3,759	10:34	3	06:05	27.69	27.69	1,154
OTHERS	1,832	69	88	1,646	14:41	83	06:31	11.82	11.82	1,646
Total KAR	26,166	7,195	6,252	-	-	-	-	187.56	181.22	7,942

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	635	637	644	02:48	49	09:50	9.04	9.01	375
LOWER PERIYAR ( 3 * 60 )	180	166	161	167	19:08	0	07:25	1.81	1.81	75
SABARIGIRI( 2 * 60 + 4 * 55 )	340	228	228	229	17:58	100	14:09	4.96	4.95	206
OTHER HYDEL	834	572	520	572	20:00	256	06:47	12.88	12.88	537
Total HYDEL	2,134	1,601	1,546	-	-	-	-	28.69	28.65	1,193
BRAHMAPURAM DGPP (DIESEL)( 3 * 21.32 )	64	0	0	0	00:00	3	13:26	0	0	0
BSES (NAPTHA)( 1 * 35.5 + 3 * 40.5 )	157	0	0	0	00:00	0	10:32	-	-	-
KOZHICODE DPP (DIESEL)( 6 * 16 )	96	0	0	0	00:00	0	10:33	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	07:16	0	0	0
OTHER GAS/NAPTHA/DIESEL	22	0	0	0	00:00	0	10:32	-	-	-
Total GAS/NAPTHA/DIESEL	709	0	0	-	-	-	-	0	0	0
WIND	70	0	0	30	00:00	0	-	0.73	0.73	30
SOLAR	1,988	0	0	57	00:00	0	-	1.36	1.36	57
OTHERS	20	0	0	11	00:00	0	-	0.27	0.27	11
Total KER	4,921	1,601	1,546	-	-	-	-	31.05	31.01	1,291

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	1,037	1,000	1,194	19:20	974	06:13	24.69	22.4	933
NCTPS STG3( Infirm - 800 MW )	0	0	0	0	00:00	0	-	0	0	0
NORTH CHENNAI TPS STG-II( 2 * 600 )	1,200	713	643	723	21:02	592	11:49	16.67	15.29	637
NORTH CHENNAI TPS( 3 * 210 )	630	102	83	113	19:09	88	08:01	2.76	2.2	92
OPG PGPL	414	0	0	189	00:00	0	-	5.05	4.53	189
SEPC( 1 * 525 )	525	310	265	505	07:20	233	10:00	7.72	7.23	301
ST - CMS( 1 * 250 )	250	249	168	250	19:25	164	17:58	4.41	4.05	169
TUTICORIN( 5 * 210 )	1,050	298	267	310	06:48	261	09:25	7.26	6.52	272
Total THERMAL	5,509	2,709	2,426					68.56	62.22	2,593
KADAMPARAI ( 4 * 100 )	400	96	0	101	06:59	2	09:10	0.56	0.55	23
KADAMPARAI (PUMP)( 4 * 100 )	400	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	1,826	483	891	891	07:33	34	06:05	16.36	16.21	675
Total HYDEL	2,226	579	891					16.92	16.76	698
BASIN BRIDGE (NAPTHA)( 4 * 30 )	120	0	0	0	00:00	0	09:42	0	0	0
KOVIL KALAPPAL (GAS)( 1 * 37.8 + 1 * 70 )	108	0	0	0	00:00	0	06:06	0	0	0
KUTTALAM (GAS)( 1 * 37 + 1 * 64 )	101	90	57	91	23:48	56	06:58	1.85	1.72	72
MADURAI POWER CL (DIESEL)( 1 * 106 )	106	0	0	0	00:00	0	10:33	0	0	0
P P NALLUR (NAPTHA)( 1 * 330.5 )	331	0	0	0	00:00	0	10:33	0	0	0
SAMALPATTY (DIESEL)( 7 * 15.1 )	106	0	0	0	00:00	0	10:33	0	0	0
VALATTUR(STG1&STG2)( 1 * 32 + 1 * 35 + 2 * 60 )	187	37	41	75	12:28	36	06:23	1.93	1.79	75
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	127	98					3.78	3.51	147
WIND	9,392	4,315	2,228	4,823	17:16	1,545	06:49	77.42	77.42	3,226
SOLAR	9,555	0	0	6,610	12:02	13	06:07	42.9	42.9	1,788
OTHERS	2,029	509	449	509	00:38	429	07:25	4.81	4.81	200
Total TN	30,132	8,239	6,092					214.39	207.62	8,652

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	1,475	1,369	2,198	19:24	1,322	14:55	33.41	31.47	1,311
NEYVELI TS I EXPN ( 2 * 210 )	420	157	151	165	20:57	139	09:09	3.61	3.39	141
NEYVELI TS II( 7 * 210 )	1,470	567	508	601	19:13	455	09:59	15.59	12.1	504
NEYVELI TS II EXPN ( 2 * 250 )	500	356	355	366	19:50	192	09:49	8.24	6.96	290
NNTPS( 2 * 500 )	1,000	928	911	964	22:50	538	14:28	19.8	17.55	731
NTPC-TELANGANA STPP(2*800)	1,600	1,416	1,003	1,416	20:00	0	-	28.1	26.11	1,088
RAMAGUNDAM( 3 * 200 + 4 * 500 )	2,600	1,384	841	1,468	21:17	785	14:05	26.91	24.37	1,015
SIMHADRI STAGE I( 2 * 500 )	1,000	880	551	910	00:05	492	17:06	17.18	15.79	658
SIMHADRI STAGE II( 2 * 500 )	1,000	882	651	967	06:17	508	14:16	17.63	16.66	694
TALCHER ST2( 4 * 500 )	2,000	1,361	1,344	1,370	17:16	1,169	14:10	30.71	28.62	1,193
Total THERMAL	13,990	9,406	7,684	-	-	-	-	201.18	183.02	7,625
KAIGA STG1( 2 * 220 )	440	191	193	199	01:15	188	06:00	5.29	4.78	199
KAIGA STG2( 2 * 220 )	440	425	425	436	10:01	420	06:01	11.39	10.46	436
KUDANKULAM( 2 * 1000 )	2,000	1,015	1,024	1,103	05:47	1,009	16:30	24.61	23.11	963
MAPS( 2 * 220 )	440	0	0	0	00:00	18	17:49	0	0	0
Total NUCLEAR	3,320	1,631	1,642	-	-	-	-	41.29	38.35	1,598
Total ISGS	17,310	11,037	9,326					242.47	221.37	9,223

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	835	561	947	19:18	495	17:03	15.21	14.28	595
VALLUR TPS( 3 * 500 )	1,500	1,364	883	1,401	20:13	729	10:27	24.37	22.36	932
Total THERMAL	2,500	2,199	1,444	-	-	-	-	39.58	36.64	1,527
Total JOINT_VENTURE	2,500	2,199	1,444					39.58	36.64	1,527

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	675	678	804	00:40	490	10:10	16.29	15.03	626
IL&FS( 2 * 600 )	1,200	541	542	545	00:50	297	09:30	11.91	11.06	461
JINDAL POWER LIMITED (SIMHAPURI UNIT)( 4 * 150 )	600	427	300	506	00:07	196	10:26	8.15	7.34	306
MEENAKSHI ENERGY LTD STAGE1( 2 * 150 )	300	0	0	0	00:00	55	09:45	0	0	0
MEENAKSHI ENERGY LTD STAGE2( 2 * 350 )	700	0	0	287	00:00	0	-	7.53	6.88	287
SEIL P1( 2 * 660 )	1,320	1,193	1,116	1,213	23:04	504	12:28	23.18	21.75	906
SEIL P2 UNIT-1( 1 * 660 )	660	626	626	631	23:14	299	14:10	13.22	12.5	521
Total THERMAL	5,980	3,462	3,262	-	-	-	-	80.28	74.56	3,107
LKPPL ST2( 1 * 133 + 1 * 233 )	366	0	0	0	00:00	3	07:28	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	3,462	3,262					80.28	74.56	3,107

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	45	56	82	22:00	3	15:40	0.99	0.99	41
GADAG_RSPL_W	175	175	94	92	20:00	188	16:09	2.21	2.21	92
GADAG_VENA_W	133	66	76	66	20:00	0	-	1.42	1.42	59
GREEN INFRA( 1 * 249.90 )	250	203	77	243	19:06	31	11:40	2.56	2.56	107
HIRIYUR_OSTRO( 1 *300.3)	300	0	0	114	00:00	0	07:36	2.74	2.74	114
HIRIYUR_ZREPL_W	66	52	28	52	20:00	0	-	0.64	0.64	27
JSW RENEW ENERGY TWO LTD	300	163	29	180	18:40	1	10:01	1.51	1.51	63
KARUR_JSWRENEW_W	162	110	118	110	20:00	0	-	2.41	2.41	100
KARUR_JSWRETWO_W	150	84	64	84	20:00	0	-	1.62	1.62	68
KOPPAL_AYANASIX_W	300	184	120	184	20:00	0	-	2.54	2.54	106
KOPPAL_KLEIO_W	101	0	0	20	00:00	0	-	0.47	0.47	20
KOPPAL_RENEWOJAS_W	319	0	124	198	21:13	29	16:49	2.3	2.3	96
KOPPAL_RENEWROSHNI_W	291	143	62	184	18:08	30	08:37	1.92	1.92	80
KURNOOL_AMGREEN_W	304	0	0	79	00:00	0	10:32	1.9	1.9	79
MYTRA( 1 * 250 )	250	188	51	221	16:58	25	08:03	2.2	2.2	92
ORANGE( 1 * 200 )	200	139	67	173	18:39	28	08:29	1.97	1.97	82
PGLR_SAUPL_W	53	0	23	23	03:00	0	-	0.54	0.54	23
PGLR_SREPL( 1 * 300 )	300	160	175	219	00:33	44	12:42	2.72	2.72	113
TUTICORINJSWRENEW( 1 * 51.3 )	540	274	74	274	20:00	0	-	4.06	4.06	169
VIVID SOLAIRE (BEETAM)( 1 * 220 )	220	191	101	215	18:30	56	08:15	2.85	2.85	119
Total RENEWABLE_WIND	4,469	2,177	1,339					39.57	39.57	1,650

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	171	10:30	1	06:11	0.88	0.88	73
ANP_ATHENA BIWADI( 1 * 50 )	50	0	0	49	14:42	0	06:00	0.2	0.2	17
ANP_ATHENA HISAR( 1 * 50 )	50	0	0	52	14:18	0	06:04	0.19	0.19	16
ANP_ATHENA KARNAL( 1 * 50 )	50	0	0	47	11:19	0	06:24	0.19	0.19	16
ANP_AYANA( 1 * 250 )	250	0	0	168	16:17	1	06:10	0.91	0.91	76
ANP_AZURE( 1 * 50 )	50	0	0	46	11:24	0	06:24	0.21	0.21	18
ANP_IGS1( 1 * 50 )	50	0	0	49	10:52	0	06:04	0.19	0.19	16
ANP_IGS2( 1 * 50 )	50	0	0	49	11:21	0	06:00	0.22	0.22	18
ANP_NTPC( 5 * 50 )	250	0	0	114	14:45	1	06:06	0.54	0.54	45
ANP_TATA( 2 * 50 )	100	0	0	83	14:20	0	06:04	0.32	0.32	27
SPRING ANG ITRA( 1 * 250 )	250	0	0	150	14:59	0	07:36	0.99	0.99	83
PAVAGADA										
PVG_ADYAH( 6 * 50 )	300	0	0	56	00:00	0	07:36	1.35	1.35	113
PVG_AMPLUS PAVAGADA( 1 * 50 )	50	0	0	52	13:30	1	06:00	0.24	0.24	20
PVG_AMPLUS TUMKUR( 1 * 50 )	50	0	0	53	11:05	1	06:00	0.25	0.25	21
PVG_AVAADA SOLAR( 3 * 50 )	150	0	0	150	12:57	1	06:00	0.73	0.73	61
PVG_AVAADA SOLARISE( 3 * 50 )	150	0	0	125	13:25	1	06:00	0.65	0.65	54
PVG_AZURE POWER EARTH ( 2 * 50 )	100	0	0	75	13:21	1	06:00	0.4	0.4	33
PVG_FORTUM FIN SURYA( 2 * 50 )	100	0	0	97	13:16	1	06:00	0.46	0.46	38
PVG_IRCON_S	225	0	0	67	00:00	0	-	1.6	1.6	133
PVG_KREDL( 1 * 50 )	50	0	0	45	14:44	1	06:00	0.23	0.23	19
PVG_PARAMPUJYA( 3 * 50 )	150	0	0	121	13:23	1	06:00	0.66	0.66	55
PVG_RENEW TN2( 1 * 50 )	50	0	0	50	14:28	1	06:00	0.25	0.25	21
PVG_SBG ENERGY( 4 * 50 )	200	0	0	185	11:06	2	06:01	1.02	1.02	85
PVG_SPRING SOLAR INDIA( 5 * 50 )	250	0	0	167	15:51	1	06:00	0.96	0.96	80
PVG_TATA RENEWABLES( 8 * 50 )	400	0	0	230	15:59	1	06:00	1.26	1.26	105
PVG_YARROW( 1 * 50 )	50	0	0	49	14:26	1	06:01	0.24	0.24	20
OTHER										
GADAG_SERENTICA3_S	69	0	0	15	00:00	0	-	0.37	0.37	31
GADAG_VENA_S	31	0	0	9	00:00	0	-	0.21	0.21	18
GRT( 1 * 150 )	150	0	0	152	12:55	0	06:00	0.84	0.84	70
KOPPAL_KLEIO_S	105	0	0	21	00:00	0	-	0.51	0.51	43
KOPPAL_RENEWOJAS_S	81	0	0	18	00:00	0	10:32	0.43	0.43	36
KOPPAL_SRIIPL_S	188	0	2	47	00:00	0	-	1.12	1.12	93
KURNOOL_AMGREEN_S	599	0	0	75	00:00	0	-	1.8	1.8	150
NTPC ETTAYAPURAM SOLAR PLANT	230	0	0	249	13:26	1	06:00	1.28	1.28	107
RAMANGUNDAM (SOLAR)( 1 * 100 )	100	0	0	89	10:08	0	06:10	0.64	0.64	53
SIMHADRI (SOLAR)( 1 * 25 )	25	0	0	19	12:31	0	17:48	0.1	0.1	8
Total	5,253	0	2					22.44	22.44	1,872

Total ISGS IPP Thermal	22,470	15,067	12,390					321.04	294.22	
STATE THERMAL	28,342	15,698	13,407					360.72	330.48	
Total CPP Import										
Total ISGS & IPP Hydro										
HYDEL	13,487	6,847	7,307	-	-	-	-	159.13	158.16	
GAS/NAPTHA/DIESEL	6,826	127	98	-	-	-	-	9.49	9.19	
NUCLEAR	3,320	1,648	1,656	-	-	-	-	41.29	38.35	
WIND	23,583	8,757	6,129	-	-	-	-	163.95	163.95	
SOLAR	30,643	0	2	-	-	-	-	119.32	119.32	
OTHERS	4,752	667	624	-	-	-	-	24.99	24.99	

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	448	208	213	-	0	2.34	-2.34
3	765KV-SRIKAKULAM-ANGUL	266	1,081	1,911	-	17.14	0	17.14
4	HVDC500KV-TALCHER-KOLAR_DC	792	1,185	1,236	-	23.25	0	23.25
Sub-Total EAST REGION		1,506	2,474	3,360	0	40.39	2.34	38.05
Import/Export between SOUTH REGION and WEST REGION								
1	220KV-AMBEWADI-PONDA	0	0	-	-	0	0	0
2	220KV-AMBEWADI-XELDEM	102	86	-	105	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	923	923	932	-	0	22.17	-22.17
7	400KV-KUDGI_PG-KHOLAPUR_PG	2,172	1,705	-	2,460	0	42.42	-42.42
8	765KV-NIZAMABAD-WARDHA	878	414	1,744	-	3.72	0	3.72
9	765KV-RAICHUR_PG-SHOLAPUR	2,591	1,343	-	3,249	0	34.09	-34.09

10	765KV-WARANGAL(NEW)-WARORA	532	215	1,145	0	2.1	0	2.1
11	HVDC800KV-RAIGARH HVDC-PUGALUR HVDC	275	277	-	544	13.77	0	13.77
Sub-Total WEST REGION		7,473	4,963	3,821	6,358	19.59	100.78	-81.19
TOTAL IR EXCHANGE		8,979	7,437	7,181	6,358	59.98	103.12	-43.14

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	16.64	-6.16	0	0	0	-1.74	-24.43	9.424	33.854
SR-WR	11.07	-27.07	3.59	-7.04	0	-6.56	-50.44	-81.192	-30.752
Total	27.71	-33.23	3.59	-7.04	0	-8.3	-74.87	-71.768	3.102

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	2.836	81.782	50.637	15.382

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

Maximum		Minimum		Average Frequency	Freq Variation Index	Standard Deviation	Freq. in 15 mnt blk	
Frequency	Time	Frequency	Time				Max.	Min.
50.175	09:49:00	49.81	15:40:10	50.002	0.025	0.05	50.13	49.88

6.Voltage Profile: 400kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 380	< 390	> 420	> 430
GHANAPUR - 400KV	421	22:01	407	11:00	0	0	11.111	0
GOOTY - 400KV	420	03:01	401	10:54	0	0	0	0
HIRIYUR - 400KV	427	03:01	403	10:54	0	0	54.653	0
KAIGA - 400KV	417	16:33	391	10:57	0	0	0	0
KOLAR_AC - 400KV	425	03:03	400	10:58	0	0	31.944	0
KUDANKULAM - 400KV	412	00:51	398	12:14	0	0	0	0
SHANKARAPALLY - 400KV	414	06:44	411	19:08	0	0	0	0
SOMANAHALLI - 400KV	420	03:01	396	11:00	0	0	0	0
SRIPERUMBADUR - 400KV	415	23:52	406	11:00	0	0	0	0
TRICHY - 400KV	416	20:05	397	11:37	0	0	0	0
TRIVANDRUM - 400KV	419	03:59	401	12:10	0	0	0	0
VIJAYAWADA - 400KV	405	17:20	398	12:24	0	0	0	0

6.1 Voltage Profile: 220kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 198	< 210	> 235	> 245
GHANAPUR - 220KV	234	22:02	224	11:02	0	0	0	0
GOOTY - 220KV	229	03:57	219	10:59	0	0	0	0
HIRIYUR - 220KV	228	21:58	213	10:54	0	0	0	0
KAIGA - 220KV	236	16:40	220	11:00	0	0	2.639	0
KOLAR_AC - 220KV	233	23:59	219	10:58	0	0	0	0
SOMANAHALLI - 220KV	227	23:31	213	10:54	0	0	0	0
SRIPERUMBADUR - 220KV	0	00:00	0	00:00	N/A	N/A	N/A	N/A
TRICHY - 220KV	231	00:00	222	10:57	0	0	0	0
TRIVANDRUM - 220KV	230	04:00	221	12:11	0	0	0	0
VIJAYAWADA - 220KV	231	19:58	226	12:29	0	0	0	0

6.2 Voltage Profile: 765kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 720	< 750	> 780	> 800
KURNOOL - 765KV	784	17:18	763	10:54	0	0	24.72	0
NIZAMABAD - 765KV	796	17:03	775	06:39	0	0	91.74	0
RAICHUR_PG - 765KV	787	03:59	765	11:02	0	0	32.08	0
SRIKAKULAM - 765KV	788	17:06	771	07:30	0	0	88.4	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	1,444	0	1,292	3.1	4.99	146.28	157.37
IDUKKI	694.94	732.43	2,148	725.6	1,597	723.68	1,494	0	9.44	150.44	192.85
JALAPUT	818.39	838.4	534	837.74	511	837.51	499	2.64	1.84	52.11	40.74
N.SAGAR	155.45	179.9	1,398	179.01	957	179.77	989	23.5	19.66	966.09	393.63
SRISAILAM	243.84	270.7	1,392	269.53	1,005	267.46	806	32.33	32.33	1,257.5	646.19
SUPA	495	564	3,159	559.82	2,781	562.79	3,047	0.02	12.29	143.11	286.84
LINGANAMAKKI	522.73	554.5	4,557	553.65	4,302	554.02	4,422	0.02	16.64	342.19	365.7
KAKKI	908.3	981.45	916	975.35	694	970.37	558	2.04	5.34	76.06	103.67
TOTAL	-	-	15,608	-	13,291	-	13,107	63.65	107.03	3,133.78	2,281.87

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	-210.1	-9.61	-19.43	0	181.72	0	0	0	0	0	0	0	0
KARNATAKA	-622.77	-96.88	13.17	0	-23.7	0	0	0	0	0	0	0	0
KERALA	-246	0	-7.8	0	238.75	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	0	0	-5	0	0	0	0	0	0	0	0
TAMILNADU	-25	33.97	153.68	0	73.78	0	0	0	0	0	0	0	0
TELANGANA	-41.84	4.43	-19.81	0	-6.7	0	0	0	0	0	0	0	0
TOTAL	-1,145.71	-68.09	119.81	0	458.85	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	-194.6	-9.4	607.23	0	285.98	0	0	0	0	0	0	0	0
KARNATAKA	-622.77	-106.28	0.24	0	-36.9	0	-400	0	0	0	0	0	0
KERALA	-96	19.3	59.07	0	525.54	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	0	0	-13	0	0	0	0	0	0	0	0
TAMILNADU	-62	69.3	270.49	0	-1,044.43	0	0	0	0	0	0	0	0
TELANGANA	-119.56	4.03	-2,146.61	0	126.06	0	0	0	0	0	0	0	0
TOTAL	-1,094.93	-23.05	-1,209.58	0	-156.75	0	-400	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	33.88	-4.2	1.19	4.93	0	3.78	39.58
KARNATAKA	49.27	-13.61	-1.76	-3.08	0	-0.49	30.33
KERALA	40.36	-2.95	0.33	1.9	0	7.63	47.27
PONDICHERY	8.71	0.13	0	0	0	-0.33	8.51
TAMILNADU	138.57	-0.58	2.02	-10.38	0	-18.85	110.78
TELANGANA	68.83	-0.17	1.83	2.86	0	2.01	75.36
TOTAL	339.62	-21.38	3.61	-3.77	0	-6.25	311.83

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	2,058.92	1,009.77	-120.03	-210.19	127.66	-10.6	0	0	0	0	689.96	-41.63	0	0
KARNATAKA	3,348.35	1,255.59	-426.98	-635.06	-0.58	-171.58	0	-9.54	0	0	14.14	-566.42	0	-400
KERALA	2,135.23	1,335.72	-66.35	-246	37.92	0	0	0	0	0	236.73	-7.8	0	0
PONDICHERY	419.38	321.46	13.99	0	0	0	0	0	0	0	0	0	0	0
TAMILNADU	6,840.25	4,051.3	0	-62	201.3	0	0	0	0	0	412.54	-1786.28	0	0
TELANGANA	3,555.64	2,254.82	126.78	-119.56	231.3	4.03	0	0	0	0	1896.1	-2358.51	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	307.21	-66.69	0	0	0	0
KARNATAKA	0	0	0	0	0	0	0	0	0.38	-45.8	0	0	0	0
KERALA	0	0	0	0	0	0	0	0	962.4	-2.5	0	0	0	0
PONDICHER ..	0	0	0	0	0	0	0	0	0	-72	0	0	0	0
TAMILNADU	0	0	0	0	0	0	0	0	137.37	-2,325.89	0	0	0	0
TELANGANA	0	0	0	0	0	0	0	0	1,102.25	-1,557.5	0	0	0	0

9. Synchronisation of new generating units :

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

11.Significant events (If any):

Nil
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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-CUDDAPAH-CHITTOOR-1 availed S/D on 09.09.2025/09:29Hrs for NHAI line diversion works. Expected revival by 25.09.25.
4) 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).
5) 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:

Andhara Pradesh : Light rains reported in Vijayanaram,Vijayawada,Srikakulam, Guntur. Telengana : Heavy rains reported in Hyderabad. Tamilnadu: Light rains reported in Erode,Salem and Mettur area. Karnataka: Light rains reported in North Karnataka districts
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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	1	1	0	12	3	0	0	0	0	0	0
KARNATAKA	0	1	1	0	7	15	0	0	0	0	0	0
KERALA	0	0	0	0	0	0	0	0	0	0	0	0
TAMILNADU	0	1	1	0	3	2	0	0	0	0	0	0
PONDICHERRY	0	0	0	0	0	0	0	0	0	0	0	0
TELANGANA	0	1	0	0	15	18	0	0	0	0	0	0

REMARKS:

Shift In Charge