

1. Regional Availability/Demand:

Evening Peak (19:00) 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 #
41,818	0	41,818	49.99	38,322	0	38,322	50.02	1,026	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	99.33	24.11	0	29.26	10.85	3.19	38.02	36.65	-1.37	204.76	203.39	0
KARNATAKA	52.12	40.66	0	28.1	27.85	12.49	40.24	40.59	0.35	201.47	201.83	0
KERALA	0	26.55	0	0.52	1.27	0.29	52.31	52.49	0.18	80.94	81.12	0
PONDICHERRY	0	0	0.6	0	0.06	0	7.81	7.69	-0.12	8.47	8.35	0
TAMILNADU	48.07	22.42	3.17	77.88	49.3	3.18	124.14	120.43	-3.71	328.17	324.46	0
TELANGANA	62.36	43.37	0	0.76	13.05	3.48	82.52	83.83	1.31	205.54	206.85	0
Region	261.88	157.11	3.77	136.52	102.38	22.63	345.04	341.68	-3.36	1,029.35	1,026	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 (19:00) 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	8,260	0	8,260	8,026	0	8,026	8,480	209	-5.61
KARNATAKA	7,646	0	7,646	6,742	0	6,742	8,424	199.7	2.13
KERALA	4,064	0	4,064	3,035	0	3,035	3,293	82	-0.88
PONDICHERRY	377	0	377	276	0	276	327	10.1	-1.75
TAMILNADU	14,767	0	14,767	12,123	0	12,123	14,354	344	-19.54
TELANGANA	6,704	0	6,704	8,120	0	8,120	8,928	199	7.85
Region	41,818	0	41,818	38,322	0	38,322	43,806	1,043.8	-17.8

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	9,832	08:53	0	9,832	9,832	-	0	9,832	1,370.86	12:57	-928.28	21:26
KAR	10,887	10:00	0	10,887	10,887	-	0	10,887	667.94	16:08	-848.1	15:01
KER	4,133	19:00	0	4,133	4,133	-	0	4,133	284.28	20:01	-280.76	15:08
PONDY	410	22:30	0	410	410	22:30	0	410	45.78	06:23	-64.05	17:00
TN	15,744	18:30	0	15,744	15,744	-	0	15,744	2,153.6	08:00	-817.36	22:26
TG	11,357	09:37	0	11,357	11,357	-	0	11,357	677.98	12:00	-528.31	16:17
Region	49,186	09:37:02	0	49,186	49,186	09:37:02	0	49,186	1,716.47	19:40	-2,143.38	21:26

3(A) State Entities Generation:

ANDHRA PRADESH											
Station/Constituents		Inst. Capacity	19:00	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	298	300	460	18:57	9	00:00	7.14	6.53	272
KRISHNAPATTANAM ( 3 * 800 )		2,400	1,206	1,229	1,521	18:06	1,149	13:04	32.63	30.5	1,271
RAYALASEEMA TPP( 1 * 600 + 5 * 210 )		1,650	802	780	1,111	18:32	456	20:31	20.69	18.55	773
SEIL P2 UNIT-2( 1 * 660 )		660	435	625	632	22:12	335	16:06	13.07	12.34	514
VIJAYAWADA TPS( 1 * 800 + 1 * 500 + 6 * 210 )		2,560	1,308	1,216	1,389	18:47	1,188	03:14	34.64	31.41	1,309
OTHER THERMAL		0	0	0	0	00:00	0	-	-	-	-
Total THERMAL		8,310	4,049	4,150	-	-	-	-	108.17	99.33	4,139
HAMPI		36	0	0	20	00:00	0	-	0.48	0.48	20
LOWER SILERU( 4 * 115 )		460	13	13	108	01:36	13	01:36	2.62	2.6	108
SRISAILAM RBPH( 7 * 110 )		770	636	626	644	13:33	461	07:15	14.95	14.91	621
UPPER SILERU( 4 * 60 )		240	0	0	166	05:51	3	03:01	1.35	1.35	56
OTHER HYDEL		431	205	167	205	00:00	0	-	4.78	4.77	199
Total HYDEL		1,937	854	806	-	-	-	-	24.18	24.11	1,004
GAUTAMI CCPP( 1 * 174 + 2 * 145 )		464	0	0	0	00:00	0	01:36	0	0	0
GMR (BARG)( 1 * 237 )		237	0	0	0	00:00	0	01:36	0	0	0
JEGURUPADU (GAS)( 1 * 49.9 + 1 * 75.5 + 2 * 45.8 )		217	0	0	0	00:00	0	01:36	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	01:36	0	0	0
LANCO (GAS)( 1 * 121 + 2 * 115 )		351	0	0	0	00:00	0	01:36	0	0	0
RELIANCE ENERGY LTD. (GAS)( 1 * 140 + 1 * 80 )		220	0	0	0	00:00	0	01:36	0	0	0
SPECTRUM (GAS)( 1 * 46.8 + 1 * 68.8 + 2 * 46.1 )		208	0	0	0	00:00	0	01:36	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	01:36	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	1,460	1,559	1,881	00:00	779	18:01	29.26	29.26	1,219
SOLAR	3,356	0	0	1,683	10:26	0	19:15	10.85	10.85	452
OTHERS	619	113	104	133	01:36	99	01:36	3.19	3.19	133
Total AP	21,342	6,476	6,619	-	-	-	-	175.65	166.74	6,947

TELANGANA										
Station/Constituents	Inst. Capacity	19:00	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	157	154	165	21:01	147	09:59	4.23	3.58	149
KAKATIYA ST1&ST2( 1 * 500 + 1 * 600 )	1,100	589	599	985	07:32	571	03:21	16.7	15.67	653
KOTHAGUEDEM TPS( 1 * 500 + 1 * 800 + 2 * 250 )	1,800	251	255	652	00:04	235	12:31	7.01	6.62	276
RAMAGUNDAM-B( 1 * 62.5 )	63	0	0	0	00:00	0	01:35	0	0	0
SINGARENI TPS( 2 * 600 )	1,200	690	682	1,089	05:48	666	11:23	17.8	16.39	683
YADADRI( 2 * 800 )	1,600	893	887	940	07:51	847	01:15	21.47	20.1	838
Total THERMAL	6,843	2,580	2,577					67.21	62.36	2,599
NAGARJUNA SAGAR( 1 * 110 + 7 * 100.8 )	816	822	826	844	17:00	780	22:03	20.01	19.95	831
NAGARJUNA SAGAR (PUMP)( 1 * 110 + 7 * 100.8 )	816	0	0	0	00:00	0	-	0	0	0
SRISAILAM LBPH( 6 * 150 )	900	708	700	814	23:11	686	09:45	17.17	17.14	714
SRISAILAM LBPH(PUMP)( 6 * 150 )	900	0	0	0	00:00	0	-	0	0	0
OTHER HYDEL	957	304	231	304	00:00	0	07:39	6.34	6.29	262
Total HYDEL	2,673	1,834	1,757					43.52	43.38	1,807
WIND	128	0	0	32	00:00	0	-	0.76	0.76	32
SOLAR	3,818	0	0	1,888	11:57	0	01:13	13.05	13.05	544
OTHERS	252	0	0	145	00:00	0	-	3.48	3.48	145
Total TG	13,714	4,414	4,334					128.02	123.03	5,127

KARNATAKA										
Station/Constituents	Inst. Capacity	19:00	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	820	525	864	00:04	510	08:44	16.01	14.91	621
JINDAL( 2 * 130 + 4 * 300 )	1,460	0	0	205	14:50	0	-	19.08	17.5	45
JINDAL (EXCL. CAPTIVE CONSUMPTION)( 2 * 130 + 4 * 300 )	1,460	87	0	205	14:50	0	00:01	1.09	1.09	45
RAICHUR TPS( 1 * 250 + 7 * 210 )	1,720	600	584	686	19:05	551	23:21	16.4	14.63	610
UPCL( 2 * 600 )	1,200	0	0	0	00:00	0	04:18	0	0	0
YERAMARAS TPS( 2 * 800 )	1,600	822	849	1,226	06:43	763	21:45	23.25	21.5	896
Total THERMAL	7,680	2,329	1,958	-	-	-	-	56.75	52.13	1,488
NAGJHERI( 1 * 135 + 5 * 150 )	885	293	438	673	04:16	0	14:50	7	6.91	288
SHARAVATHI( 10 * 103.5 )	1,035	738	837	883	21:23	236	16:00	17.19	17.07	711
VARAHI UGPH( 4 * 115 )	460	58	452	456	04:24	43	18:02	3.63	3.58	149
OTHER HYDEL	2,137	869	888	888	01:09	547	00:00	13.11	13.11	546
Total HYDEL	4,517	1,958	2,615	-	-	-	-	40.93	40.67	1,694
OTHER GAS/NAPTHA/DIESEL	126	0	0	0	00:00	1	01:36	0	0	0
Total GAS/NAPTHA/DIESEL	126	0	0	-	-	-	-	0	0	0
WIND	5,440	1,457	756	1,812	16:42	661	03:35	28.1	28.1	1,171
SOLAR	6,571	0	0	3,821	11:18	0	01:13	27.85	27.85	1,160
OTHERS	1,832	83	73	1,681	07:52	53	17:41	12.49	12.49	1,681
Total KAR	26,166	5,827	5,402	-	-	-	-	166.12	161.24	7,194

KERALA										
Station/Constituents	Inst. Capacity	19:00	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	638	258	644	20:34	51	08:23	6.16	6.13	255
LOWER PERIYAR ( 3 * 60 )	180	163	158	163	19:27	0	08:12	2.24	2.23	93
SABARIGIRI( 2 * 60 + 4 * 55 )	340	244	246	247	07:38	97	09:40	5.39	5.37	224
OTHER HYDEL	834	588	516	588	19:00	223	07:57	12.81	12.81	534
Total HYDEL	2,134	1,633	1,178	-	-	-	-	26.6	26.54	1,106
BRAHMAPURAM DGPP (DIESEL)( 3 * 21.32 )	64	0	0	0	00:00	4	13:05	0	0	0
BSES (NAPTHA)( 1 * 35.5 + 3 * 40.5 )	157	0	0	0	00:00	0	01:36	-	-	-
KOZHICODE DPP (DIESEL)( 6 * 16 )	96	0	0	0	00:00	0	01:36	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	08:36	0	0	0
OTHER GAS/NAPTHA/DIESEL	22	0	0	0	00:00	0	01:36	-	-	-
Total GAS/NAPTHA/DIESEL	709	0	0	-	-	-	-	0	0	0
WIND	70	0	0	22	00:00	0	-	0.52	0.52	22
SOLAR	1,988	0	0	53	00:00	0	-	1.27	1.27	53
OTHERS	20	0	0	12	00:00	0	-	0.29	0.29	12
Total KER	4,921	1,633	1,178	-	-	-	-	28.68	28.62	1,193

TAMIL NADU										
Station/Constituents	Inst. Capacity	19:00	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	525	521	686	23:17	497	09:51	12.9	11.75	490
NCTPS STG3( Infirm - 800 MW )	0	0	0	0	00:00	0	-	0	0	0
NORTH CHENNAI TPS STG-II( 2 * 600 )	1,200	739	566	778	20:50	452	14:01	15.29	15.29	637
NORTH CHENNAI TPS( 3 * 210 )	630	417	365	429	21:41	343	08:23	10.32	2.2	92
OPG PGPL	414	0	0	80	00:00	0	-	2.19	1.92	80
SEPC( 1 * 525 )	525	329	261	504	19:24	239	08:30	7.58	7.09	295
ST - CMS( 1 * 250 )	250	168	168	250	22:41	0	09:36	3.63	3.29	137
TUTICORIN( 5 * 210 )	1,050	293	302	316	13:32	136	22:50	7.61	6.52	272
Total THERMAL	5,509	2,471	2,183					59.52	48.06	2,003
KADAMPARAI ( 4 * 100 )	400	99	0	100	18:06	4	07:50	0.54	0.54	23
KADAMPARAI (PUMP)( 4 * 100 )	400	0	0	23	00:00	0	-	0.54	0.54	23
OTHER HYDEL	1,826	785	704	912	00:06	42	00:03	22.07	21.89	912
Total HYDEL	2,226	884	704					23.15	22.43	935
BASIN BRIDGE (NAPTHA)( 4 * 30 )	120	0	0	0	00:00	0	01:17	0	0	0
KOVIL KALAPPAL (GAS)( 1 * 37.8 + 1 * 70 )	108	0	0	0	00:00	0	00:13	0	0	0
KUTTALAM (GAS)( 1 * 37 + 1 * 64 )	101	64	90	90	06:02	59	12:34	1.66	1.54	64
MADURAI POWER CL (DIESEL)( 1 * 106 )	106	0	0	0	00:00	0	01:36	0	0	0
P P NALLUR (NAPTHA)( 1 * 330.5 )	331	0	0	0	00:00	0	01:36	0	0	0
SAMALPATTY (DIESEL)( 7 * 15.1 )	106	0	0	0	00:00	0	01:36	0	0	0
VALATTUR(STG1&STG2)( 1 * 32 + 1 * 35 + 2 * 60 )	187	50	29	68	10:18	27	02:54	1.75	1.63	68
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	00:00	0	0	0
Total GAS/NAPTHA/DIESEL	1,421	114	119					3.41	3.17	132
WIND	9,392	3,534	2,759	4,926	15:16	1,843	07:03	77.88	77.88	3,245
SOLAR	9,555	0	0	6,814	12:30	9	05:59	49.3	49.3	2,054
OTHERS	2,029	263	413	413	00:00	258	01:17	3.18	3.18	133
Total TN	30,132	7,266	6,178					216.44	204.02	8,502

3(B) Regional Entities Generation

ISGS										
Station/Constituents	Inst. Capacity	19:00	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	469	458	873	00:02	425	14:17	11.22	10.44	435
NEYVELI TS I EXPN ( 2 * 210 )	420	144	134	164	19:20	118	03:59	3.35	3.14	131
NEYVELI TS II( 7 * 210 )	1,470	724	681	746	16:32	574	14:19	19.47	15.75	656
NEYVELI TS II EXPN ( 2 * 250 )	500	0	282	340	04:50	0	12:10	7.67	6.42	268
NNTPS( 2 * 500 )	1,000	704	736	881	00:36	497	08:23	17.34	15.23	635
NTPC-TELANGANA STPP(2*800)	1,600	857	848	857	19:00	0	-	22	20.2	842
RAMAGUNDAM( 3 * 200 + 4 * 500 )	2,600	1,129	1,088	1,452	00:27	941	13:54	29.97	27.4	1,142
SIMHADRI STAGE I( 2 * 500 )	1,000	536	512	629	17:33	484	08:54	13.75	12.41	517
SIMHADRI STAGE II( 2 * 500 )	1,000	542	529	648	17:41	1	13:46	13.88	13.03	543
TALCHER ST2( 4 * 500 )	2,000	925	595	929	20:45	16	14:10	19.79	18.14	756
Total THERMAL	13,990	6,030	5,863	-	-	-	-	158.44	142.16	5,925
KAIGA STG1( 2 * 220 )	440	193	192	200	09:02	187	02:18	5.31	4.8	200
KAIGA STG2( 2 * 220 )	440	426	427	437	15:12	420	06:35	11.4	10.48	437
KUDANKULAM( 2 * 1000 )	2,000	1,015	1,018	1,027	03:54	1,009	00:09	24.3	21.56	898
MAPS( 2 * 220 )	440	0	0	0	00:00	21	21:43	0	0	0
Total NUCLEAR	3,320	1,634	1,637	-	-	-	-	41.01	36.84	1,535
Total ISGS	17,310	7,664	7,500					199.45	179	7,460

JOINT VENTURE										
Station/Constituents	Inst. Capacity	19:00	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	540	524	630	21:03	356	15:06	12.89	12.05	502
VALLUR TPS( 3 * 500 )	1,500	881	824	1,182	23:00	718	14:19	22.25	20.34	848
Total THERMAL	2,500	1,421	1,348	-	-	-	-	35.14	32.39	1,350
Total JOINT_VENTURE	2,500	1,421	1,348					35.14	32.39	1,350

IPP UNDER OPEN ACCESS										
Station/Constituents	Inst. Capacity	19:00	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	578	521	731	17:37	485	02:07	14.92	13.62	568
IL&FS( 2 * 600 )	1,200	546	303	547	19:05	296	08:15	9.56	8.85	369
JINDAL POWER LIMITED (SIMHAPURI UNIT)( 4 * 150 )	600	226	225	300	00:01	135	14:26	5.51	4.92	205
MEENAKSHI ENERGY LTD STAGE1( 2 * 150 )	300	0	0	0	00:00	53	10:18	0	0	0
MEENAKSHI ENERGY LTD STAGE2( 2 * 350 )	700	0	0	225	00:00	0	-	5.74	5.4	225
SEIL P1( 2 * 660 )	1,320	708	822	1,188	05:58	496	18:17	17.56	16.26	678
SEIL P2 UNIT-1( 1 * 660 )	660	451	406	598	00:00	308	08:59	9.89	9.3	388
Total THERMAL	5,980	2,509	2,277	-	-	-	-	63.18	58.35	2,433
LKPPL ST2( 1 * 133 + 1 * 233 )	366	0	0	0	00:00	3	12:10	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	2,509	2,277					63.18	58.35	2,433

RENEWABLE WIND										
Station/Constituents	Inst. Capacity	19:00	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	41	39	77	17:18	11	19:02	0.99	0.99	41
GADAG_RSPLL_W	175	187	26	108	19:00	229	18:47	2.6	2.6	108
GADAG_SERENTICA3_W	52	0	0	30	00:00	0	-	0.73	0.73	30
GADAG_VENA_W	133	40	40	52	19:00	0	-	1.24	1.24	52
GREEN INFRA( 1 * 249.90 )	250	98	217	249	01:13	32	21:40	2.76	2.76	115
HIRIYUR_OSTRO( 1 *300.3)	300	0	0	115	00:00	0	01:18	2.76	2.76	115
HIRIYUR_ZREPL_W	66	36	17	36	19:00	0	-	0.68	0.68	28
JSW RENEW ENERGY TWO LTD	300	79	159	217	00:00	1	10:05	2.04	2.04	85
KARUR_JSWRENEW_W	162	105	96	105	19:00	0	-	2.28	2.28	95
KARUR_JSWRETWO_W	150	84	80	84	19:00	0	-	1.74	1.74	73
KOPPAL_AYANASIX_W	300	141	26	141	19:00	0	-	2.41	2.41	100
KOPPAL_KLEIO_W	101	0	0	25	00:00	0	-	0.59	0.59	25
KOPPAL_RENEWOJAS_W	319	0	67	304	16:43	11	03:35	2.66	2.66	111
KOPPAL_RENEWROSHNI_W	291	93	52	239	16:23	27	06:04	2.25	2.25	94
KURNOOL_AMGREEN_W	304	0	0	145	00:00	0	01:36	3.48	3.48	145
MYTRA( 1 * 250 )	250	120	181	211	01:53	0	13:47	2.59	2.59	108
ORANGE( 1 * 200 )	200	103	161	184	00:23	29	21:45	2.26	2.26	94
PGLR_SAUPL_W	53	0	17	28	03:00	0	-	0.68	0.68	28
PGLR_SREPL( 1 * 300 )	300	203	102	225	14:16	63	07:43	2.77	2.77	115
TUTICORINJSWRENEWW( 1 * 51.3 )	540	152	231	202	19:00	0	-	4.85	4.85	202
VIVID SOLAIRE (BEETAM)( 1 * 220 )	220	152	213	222	01:28	51	21:48	3.3	3.3	138
Total RENEWABLE_WIND	4,521	1,634	1,724					45.66	45.66	1,902

RENEWABLE SOLAR										
Station/Constituents	Inst. Capacity	19:00	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	136	08:46	1	18:07	0.47	0.47	39
ANP_ATHENA BIWADI( 1 * 50 )	50	0	0	51	13:54	0	18:07	0.29	0.29	24
ANP_ATHENA HISAR( 1 * 50 )	50	0	0	52	10:51	0	18:07	0.31	0.31	26
ANP_ATHENA KARNAL( 1 * 50 )	50	0	0	52	12:45	0	18:07	0.3	0.3	25
ANP_AYANA( 1 * 250 )	250	0	0	147	15:54	1	18:09	0.42	0.42	35
ANP_AZURE( 1 * 50 )	50	0	0	46	13:46	0	18:07	0.25	0.25	21
ANP_IGS1( 1 * 50 )	50	0	0	51	13:42	0	18:07	0.3	0.3	25
ANP_IGS2( 1 * 50 )	50	0	0	52	13:31	0	02:01	0.29	0.29	24
ANP_NTPC( 5 * 50 )	250	0	0	80	08:41	1	18:04	0.27	0.27	23
ANP_TATA( 2 * 50 )	100	0	0	93	13:47	0	18:07	0.52	0.52	43
SPRING ANG ITRA( 1 * 250 )	250	0	0	121	08:41	1	18:19	0.65	0.65	54
PAVAGADA										
PVG_ADYAH( 6 * 50 )	300	0	0	44	00:00	0	01:16	1.05	1.05	88
PVG_AMPLUS PAVAGADA( 1 * 50 )	50	0	0	52	11:46	1	01:19	0.28	0.28	23
PVG_AMPLUS TUMKUR( 1 * 50 )	50	0	0	52	11:17	1	01:19	0.28	0.28	23
PVG_AVAADA SOLAR( 3 * 50 )	150	0	0	146	13:41	1	01:19	0.85	0.85	71
PVG_AVAADA SOLARISE( 3 * 50 )	150	0	0	150	12:56	1	01:19	0.82	0.82	68
PVG_AZURE POWER EARTH ( 2 * 50 )	100	0	0	76	13:24	1	01:19	0.45	0.45	38
PVG_FORTUM FIN SURYA( 2 * 50 )	100	0	0	98	13:37	1	01:19	0.55	0.55	46
PVG_IRCON_S	225	0	0	83	00:00	0	-	1.99	1.99	166
PVG_KREDL( 1 * 50 )	50	0	0	47	14:18	1	01:19	0.26	0.26	22
PVG_PARAMPUJYA( 3 * 50 )	150	0	0	124	11:19	1	01:19	0.72	0.72	60
PVG_RENEW TN2( 1 * 50 )	50	0	0	50	13:28	1	01:19	0.3	0.3	25
PVG_SBG ENERGY( 4 * 50 )	200	0	0	195	12:56	0	01:19	1.09	1.09	91
PVG_SPRING SOLAR INDIA( 5 * 50 )	250	0	0	124	08:44	1	01:19	0.62	0.62	52
PVG_TATA RENEWABLES( 8 * 50 )	400	0	0	189	09:29	1	01:19	0.59	0.59	49
PVG_YARROW( 1 * 50 )	50	0	0	50	13:20	1	01:19	0.28	0.28	23
OTHER										
GADAG_SERENTICA3_S	69	0	0	15	00:00	0	-	0.36	0.36	30
GADAG_VENA_S	31	0	0	9	00:00	0	-	0.21	0.21	18
GRT( 1 * 150 )	150	0	0	155	11:57	1	18:12	1.02	1.02	85
KOPPAL_KLEIO_S	105	0	0	22	00:00	0	-	0.53	0.53	44
KOPPAL_RENEWOJAS_S	81	0	0	20	00:00	0	01:36	0.49	0.49	41
KOPPAL_SRIIPL_S	188	0	0	47	00:00	0	-	1.12	1.12	93
KURNOOL_AMGREEN_S	599	0	0	36	00:00	0	-	0.86	0.86	72
NTPC ETTAYAPURAM SOLAR PLANT	230	0	0	249	12:42	2	18:05	1.59	1.59	133
RAMANGUNDAM (SOLAR)( 1 * 100 )	100	0	0	96	09:57	0	18:02	0.37	0.37	31
SIMHADRI (SOLAR)( 1 * 25 )	25	0	0	1	00:00	0	01:18	0.02	0.02	2
Total	5,253	0	0					20.77	20.77	1,733

Total ISGS IPP Thermal	22,470	9,960	9,488					256.76	232.9	
STATE THERMAL	28,342	11,429	10,868					291.65	261.88	
Total CPP Import										
Total ISGS & IPP Hydro										
HYDEL	13,487	7,163	7,060	-	-	-	-	158.13	157.13	
GAS/NAPTHA/DIESEL	6,826	114	119	-	-	-	-	3.97	3.77	
NUCLEAR	3,320	1,653	1,654	-	-	-	-	41.01	36.84	
WIND	23,635	8,085	6,798	-	-	-	-	182.18	182.18	
SOLAR	30,643	0	0	-	-	-	-	123.15	123.15	
OTHERS	4,752	459	590	-	-	-	-	22.63	22.63	

4(A) INTER-REGIONAL EXCHANGES (Import=(+ve) /Export =(-ve))

SL.No.	Element	19:00	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	609	254	-	-	0	9.74	-9.74
3	765KV-SRIKAKULAM-ANGUL	2,270	1,918	-	-	38.76	0	38.76
4	HVDC500KV-TALCHER-KOLAR_DC	1,480	1,185	1,970	-	33.65	0	33.65
Sub-Total EAST REGION		4,359	3,357	1,970	0	72.41	9.74	62.67
Import/Export between SOUTH REGION and WEST REGION								
1	220KV-AMBEWADI-PONDA	0	0	-	-	0	0	0
2	220KV-AMBEWADI-XELDEM	73	68	-	-	0	1.84	-1.84
3	220KV-CHIKKODI-MUDASANGI	0	0	0	-	-	-	-
4	220KV-CHIKKODI-TALANGADE	-	-	-	-	-	-	-
5	220KV-LOWER_SILERU-BARSUR	-	-	-	-	-	-	-
6	400KV-BHADRAVTAHI-RAMAGUNDAM	308	923	-	-	0	10.38	-10.38
7	400KV-KUDGI_PG-KHOLAPUR_PG	1,155	1,097	-	-	0	29.24	-29.24
8	765KV-NIZAMABAD-WARDHA	1,116	1,262	-	-	22.5	0	22.5
9	765KV-RAICHUR_PG-SHOLAPUR	124	12	-	-	0	5.46	-5.46

10	765KV-WARANGAL(NEW)-WARORA	883	903	-	-	15.95	0	15.95
11	HVDC800KV-RAIGARH HVDC-PUGALUR HVDC	300	299	-	-	0	15.72	-15.72
Sub-Total WEST REGION		3,959	4,564	0	0	38.45	62.64	-24.19
TOTAL IR EXCHANGE		8,318	7,921	1,970	0	110.86	72.38	38.48

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	11.96	-1.7	0	0	0	0	-8.16	44.538	52.698
SR-WR	31.48	-5.3	-0.51	-6.1	0	27.32	27.64	-24.186	-51.826
Total	43.44	-7	-0.51	-6.1	0	27.32	19.48	20.352	0.872

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	8.229	67.199	58.38	24.572

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

Maximum		Minimum		Average Frequency	Freq Variation Index	Standard Deviation	Freq. in 15 mnt blk	
Frequency	Time	Frequency	Time				Max.	Min.
50.305	09:42:50	49.725	00:05:30	50.011	0.061	0.077	50.22	49.82

6.Voltage Profile: 400kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 380	< 390	> 420	> 430
GHANAPUR - 400KV	427	23:59	409	13:47	0	0	44.097	0
GOOTY - 400KV	424	01:59	405	09:11	0	0	24.444	0
HIRIYUR - 400KV	431	02:02	402	09:10	0	0	58.681	1.458
KAIGA - 400KV	423	02:04	396	09:19	0	0	6.667	0
KOLAR_AC - 400KV	428	02:12	394	09:10	0	0	38.403	0
KUDANKULAM - 400KV	418	23:32	399	10:27	0	0	0	0
SHANKARAPALLY - 400KV	417	01:37	412	06:21	0	0	0	0
SOMANAHALLI - 400KV	424	03:01	394	09:10	0	0	23.333	0
SRIPERUMBADUR - 400KV	418	03:02	406	10:49	0	0	0	0
TRICHY - 400KV	416	18:01	396	10:37	0	0	0	0
TRIVANDRUM - 400KV	419	04:00	397	11:11	0	0	0	0
VIJAYAWADA - 400KV	410	18:24	393	14:39	0	0	0	0

6.1 Voltage Profile: 220kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 198	< 210	> 235	> 245
GHANAPUR - 220KV	238	23:59	227	09:20	0	0	24.375	0
GOOTY - 220KV	230	02:01	220	09:17	0	0	0	0
HIRIYUR - 220KV	230	00:00	212	09:10	0	0	0	0
KAIGA - 220KV	240	02:06	223	09:18	0	0	33.819	0
KOLAR_AC - 220KV	233	23:59	213	09:17	0	0	0	0
SOMANAHALLI - 220KV	231	03:02	212	09:13	0	0	0	0
SRIPERUMBADUR - 220KV	0	00:00	0	00:00	N/A	N/A	N/A	N/A
TRICHY - 220KV	229	00:00	218	10:02	0	0	0	0
TRIVANDRUM - 220KV	235	03:59	222	11:15	0	0	0	0
VIJAYAWADA - 220KV	232	17:32	227	09:11	0	0	0	0

6.2 Voltage Profile: 765kV

STATION	Maximum		Minimum		Voltage (in %)			
	VOLTAGE	TIME	VOLTAGE	TIME	< 720	< 750	> 780	> 800
KURNOOL - 765KV	793	23:58	773	10:32	0	0	69.44	0
NIZAMABAD - 765KV	800	01:05	778	06:17	0	0	94.72	0
RAICHUR_PG - 765KV	796	02:25	777	10:32	0	0	84.58	0
SRIKAKULAM - 765KV	793	13:04	763	06:27	0	0	45.97	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	1,423	0	1,263	8.23	7.62	8.23	7.14
IDUKKI	694.94	732.43	2,148	726.19	1,678	722.97	1,444	9.22	5.24	9.22	6.13
JALAPUT	818.39	838.4	534	837.73	510	837.68	508	4.87	2.45	4.87	2.53
N.SAGAR	155.45	179.9	1,398	178.31	911	179.41	969	179.71	19.84	179.71	19.95
SRISAILAM	243.84	270.7	1,392	269.17	968	268.5	901	153.12	31.28	153.12	32.05
SUPA	495	564	3,159	559.69	2,770	562.78	3,046	7.21	8.89	7.21	9.35
LINGANAMAKKI	522.73	554.5	4,557	553.73	4,327	553.93	4,392	18.75	16.5	18.75	17.07
KAKKI	908.3	981.45	916	975.74	708	969.49	536	4.29	5.16	4.29	5.37
TOTAL	-	-	15,608	-	13,295	-	13,059	385.4	103.55	385.4	104.12

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	-23.35	-8.81	106.1	0	94.36	0	0	0	0	0	0	0	0
KARNATAKA	-23.4	-99.49	-40.4	0	-36.4	0	0	0	0	0	0	0	0
KERALA	0	0	-10.4	0	47.28	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	-184	0	-10	0	0	0	0	0	0	0	0
TAMILNADU	-8	46.64	203.76	0	-65.91	0	0	0	0	0	0	0	0
TELANGANA	-2	0	37.08	0	1,379.57	0	0	0	0	0	0	0	0
TOTAL	-56.75	-61.66	112.14	0	1,408.9	0	0	0	0	0	0	0	0

State	Peak Hours (19:00)												
	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	-15.59	-8.9	202.88	0	160.82	0	0	0	0	0	0	0	0
KARNATAKA	-28	-284.88	-48.9	0	-65.56	0	0	0	0	0	0	0	0
KERALA	0	20.28	185.15	0	211.45	0	0	0	0	0	0	0	0
PONDICHER ..	0	0	-57	0	-103	0	0	0	0	0	0	0	0
TAMILNADU	-8	24.85	1,193.58	0	-289.51	0	0	0	0	0	0	0	0
TELANGANA	2.83	-0.7	36.7	0	2,041.65	0	0	0	0	0	0	0	0
TOTAL	-48.76	-249.35	1,512.41	0	1,955.85	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	31.28	0.05	0.97	3.25	0	2.47	38.02
KARNATAKA	46.81	-0.33	-3.92	-1.54	0	-0.78	40.24
KERALA	44.39	0.09	0.51	1.72	0	5.6	52.31
PONDICHERY	9.49	0.11	0	-1.05	0	-0.74	7.81
TAMILNADU	144.07	-0.14	1.89	-7.96	0	-13.72	124.14
TELANGANA	44.98	1.15	0.32	-1.23	0	37.3	82.52
TOTAL	321.02	0.93	-0.23	-6.81	0	30.13	345.04

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	2,402.42	557.21	50.19	-25.95	115.12	-9.4	0	0	0	0	205.57	44.42	0	0
KARNATAKA	2,779.46	1,316.01	15.61	-32.68	-14.5	-558.6	0	-7.3	0	0	-6.6	-110.4	0	0
KERALA	2,415.42	1,256.38	9.66	0	45.48	0	0	0	0	0	191.82	-10.4	0	0
PONDICHERY	537.66	268.44	14	0	0	0	0	0	0	0	0	-184	0	0
TAMILNADU	7,205.75	4,224.18	0	-8	141.96	19.31	0	0	0	0	1193.58	-2343.22	0	0
TELANGANA	3,426.66	224.85	143.07	-2	38.43	-0.7	0	0	0	0	37.66	-955.82	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	185.13	-385.62	0	0	0	0
KARNATAKA	0	0	0	0	0	0	0	0	6.85	-74.06	0	0	0	0
KERALA	0	0	0	0	0	0	0	0	896.04	-1.1	0	0	0	0
PONDICHER ..	0	0	0	0	0	0	0	0	0	-127	0	0	0	0
TAMILNADU	0	0	0	0	0	0	0	0	624.92	-2,513.45	0	0	0	0
TELANGANA	0	0	0	0	0	0	0	0	2,890.15	372.05	0	0	0	0

9. Synchronisation of new generating units :

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

11.Significant events (If any):

12.Constraints and instances of congestion in the transmission system

1) 400kV Somanahalli Mylasandra S/C line availed S/D on 03.08.2025/15:38Hrs for construction related works associated with the upcoming 400kV Dommasandra (New) substation, for a period of four months. Expected revival on 31.12.2025.
2) KUDANKULAM U#1(1000 MW) shutdown taken from 01.08.2025 for refueling. The unit is expected to be synchronized back to the grid by 04-10-2025.
3) 765KV-WARANGAL(NEW)-WARORA-1 tripped on B-N fault at 16:11Hrs on 16.09.2025
4) 400kV Khamam-Kalapaka & 400kV Kalpaka-Asupaka lines S/d availed on 25-09-2025 / 08:19 Hrs for for execution of balance erection & stringing works of newly proposed diverted line from Ex. T.No.915 to 920 (2.222 Km), Ex. T.No.903 to 908 (2.058 Km) and Ex. T.No.896 to 901 (2.118 Km)
5) 400KV-NCTPS_STAGE_II-SUNGAVARACHATRAM-2 S/D availed on 02-10-2025 10:07 hrs and 400KV-ALAMATHY-NCTPS_STAGE_II-1 S/D availed on 02-10-2025 10:35 hrs for Provision of loop jumper between 400KV Manali & Sungavarchatram 1 feeder at loc.50

13. Weather Condition:

AP: Light rains reported in EPDCL. TG: Light rains reported in Hyderabad, Mehaboobnagar, Khammam and Karimnagar Kerala: Light rains reported in Kochi 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	1	2	0	0	16	5	0	0	0	0	0	0
KARNATAKA	0	0	0	0	11	5	0	0	0	0	0	0
KERALA	0	0	0	0	0	0	0	0	0	0	0	0
TAMILNADU	2	2	0	0	8	0	0	0	0	0	0	0
PONDICHERRY	0	0	0	0	0	0	0	0	0	0	0	0
TELANGANA	2	1	0	0	5	21	1	0	0	0	0	0

REMARKS:

Shift In Charge