October 2018

प्रणाली प्रचालन विवरण SYSTEM OPERATION REPORT

SOUTHERN REGION 2018-19





SOUTHERN REGIONAL LOAD DESPATCH CENTRE
POWER SYSTEM OPERATION CORPORATION LTD
October 2018 BANGALORE

SUMMARY REPORT

Table of Contents

A SR Performance

- 1 IMPORTANT EVENTS
 - a) COMMISSIONING OF NEW GENERATING UNITS
 - b) COMMISSIONING OF NEW TRANSMISSION LINES
 - c) COMMISSIONING OF NEW SUB-STATIONS
- 2 FREQUENCY PROFILE
- 3 POWER SUPPLY POSITION

B DETAILED REPORTS

- 4 INSTALLED CAPACITY
- 5 SALIENT FEATURES OF SYSTEM CONDITION
- 6 PERFORMANCE OF CONSTITUENTS
- 7 RESERVOIR PARTICULARS
- 8 BRIEF DISCRIPTION OF DISTURBANCES
- 9 PROGRESS OF SHUNT CAPACITORS
- 10 FREQUENCY PROFILE CURVE
- 11 DAILY FREQUENCY VARIATION INDEX OF THE MONTH
- 12 REGIONAL AVAILABILITY CURVE
- 13 REGIONAL GENERATION/LOAD CURVE FOR PEAK DEMAND DAY
- 14 REGIONAL GENERATION/LOAD CURVE FOR MINIMUM DEMAND DAY
- 15 STATEWISE GENERATION/LOAD CURVE FOR PEAK DEMAND DAY
- 16 STATEWISE GENERATION/LOAD CURVE FOR MINIMUM DEMAND DAY
- 17 FLOW CHART OF ENERGY EXCHANGES
- 18 Net Drawal Schedules and Actual Drawals
- 19 MAXIMUM DEMAND OF SR STATES
- 20 CONSUMPTION OF SR STATES

SR GRID SUMMARY FOR THE MONTH OF October-2018

	ANDHRA PRADESH	TELANGANA	KARNATAKA	KERALA	TAMIL NADU
(I) GENERATION DETAILS:(MU)					
HYDRO	369.10	239.50	989.20	849.90	684.90
THERMAL	1738.80	2602.50	1137.80	0.10	2204.60
DIESEL	0.00	0.00	0.00	0.00	0.00
GAS	119.60	0.00	0.00	0.00	218.00
TOTAL	2227.50	2842.00	2127.00	850.00	3107.50
INDEPENDENT P.P *	669.60	257.90	1459.50	20.30	798.80
INTER REGIONAL IMPORT(HVDC)			As per Annexure		
WIND MILL & SOLAR	811.30	527.40	1184.00	13.50	409.50
CAPTIVE PLANTS * *	0.00	0.00	0.00	0.00	0.00
TOTAL DRAWALS INCL HVDC	2145.40	3114.40	1108.30	1221.10	4512.30
(II)ACTUAL CONSUMPTION (MU)	5853.80	6741.70	5878.80	2104.90	8828.10
(III) MAXIMUM DEMAND(MW)	9453	10600	10765.515	3659.128	14741.3
MAX DEMAND ON DATE	14-oct-2018	09-oct-2018	31-oct-2018	24-oct-2018	30-oct-2018
MAX DEMAND AT TIME	12:00	11:20	12:00	19:00	19:00
FREQUENCY OF MAX DEMAND	50.06	49.99	50.07	49.99	49.99

REGIONAL MAXIMUM DEMAND:	MW	DATE	TIME	FREQUENCY
REGIONAL MAXIMOM DEMAND.	45226	31-Oct-2018	10:54:10	49.89

II)IMPORTANT EVENTS

a) COMMISSIONING OF NEW GENERATING UNITS

SL.NO.	STATE/ISGS	STATION NAME	UNIT	CAPACITY (MW)	ТҮРЕ	DATE
			Nil			

b) COMMISSIONING OF NEW TRANSMISSION LINES

SL.NO.	CONSTITUENT	ICT/LINE NAME & CKT NO.	KV	Length (CkM)	DATE
1	APTRANSCO	SATTENAPALLI-PODILI-1	400	107.398	6-Oct-18
2	APTRANSCO	SATTENAPALLI-PODILI-1	400	107.398	6-Oct-18
3	POWERGRID	NPKUNTA-HINDUPUR-1	400	110	10-Oct-18
4	POWERGRID	NPKUNTA-HINDUPUR-1	400	110	10-Oct-18
5	TSTRANSCO	ICT-4 AT SHANKARAPALLY	400/220	-	12-Oct-18
6	POWERGRID	ICT-1 AT YELHANKA	400/220	-	12-Oct-18
7	KPTCL	GUTTUR-DONI	400		16-Oct-18
8	KPTCL	DONI-MUNIRABAD	400		16-Oct-18
9	KPTCL	ICT-1 AT DONI	400/220	-	17-Oct-18
10	POWERGRID	ICT -2 AT CADAPA	765/400	-	18-Oct-18
11	POWERGRID	CADAPAA-THIRUVALLAM-2	765	244.716	22-Oct-18
12	POWERGRID	KUNRNOOL-THIRUVALLAM-2	765	204.766	23-Oct-18
13	POWERGRID	ICT -1 AT CADAPA	765/400	-	23-Oct-18
14	KPTCL	ICT-2 AT DONI	400/220	-	23-Oct-18
15	APTRANSCO	ICT-1 AT PODILI	400/220	-	29-Oct-18
16	POWERGRID	DHARMAPURI-TUMKUR	400	245	30-Oct-18
17	TSTRANSCO	RAMADUGU-MEDARAM	400	20.35	31-Oct-18
18	TANTARNSCO	ANIKADAVU- TAPPAKANDU-1	400	178.63	22-Oct-18
19	TANTARNSCO	ANIKADAVU- TAPPAKANDU-2	400	178.63	22-Oct-18

c)COMMISSIONING OF NEW SUBSTATIONS

	SL.NO.	CONSTITUENT	STATION NAME	KV RATIO	CAPACITY (MVA)	DATE
ĺ			Nil			
ĺ						

c)COMMISSIONING OF REACTORS

SL.NO.	CONSTITUENT	STATION/LINE NAME	BUS/LINE	CAPACITY (MVAR)	DATE
1	POWERGRID	765 KV NPS BR-2	BUS	240	29-Oct-18
2	POWERGRID	400 KV NPS BR-2	BUS	125	25-Oct-18
3	POWERGRID	765 KV KURNOOL BR-2	BUS	240	24-Oct-18
15	POWERGRID	765 KV CADAPA BR-1	BUS	240	21-Oct-18
16	POWERGRID	765 KV CADAPA BR-2	BUS	240	21-Oct-18
17	KPTCL	400 KV DONI BR-1	BUS	63	17-Oct-18
18	TANTRANSCO	400 KV TAPPAKANDU BR-1	BUS	63	23-Oct-18

III) a) FREQUENCY PROFILE FOR THE MONTH [Hz]

	FREQUENCY (HZ)	DATE	FVI	DATE
MAXIMUM	50.25	21-Mar-18	0.14	15-Oct-18
MINIMUM	49.69	20-Oct-18	0.02	02-Oct-18
AVERAGE	49.97		0.05	

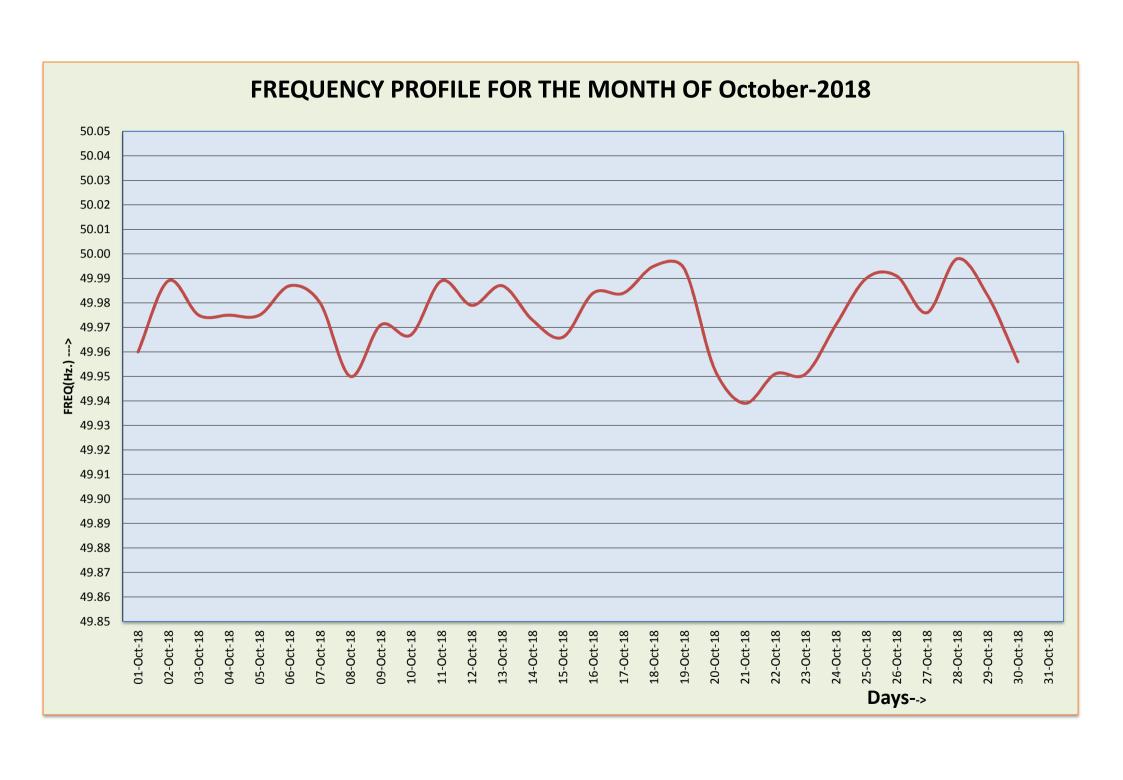
b) FREQUENCY DISTRIBUTION FOR THE MONTH

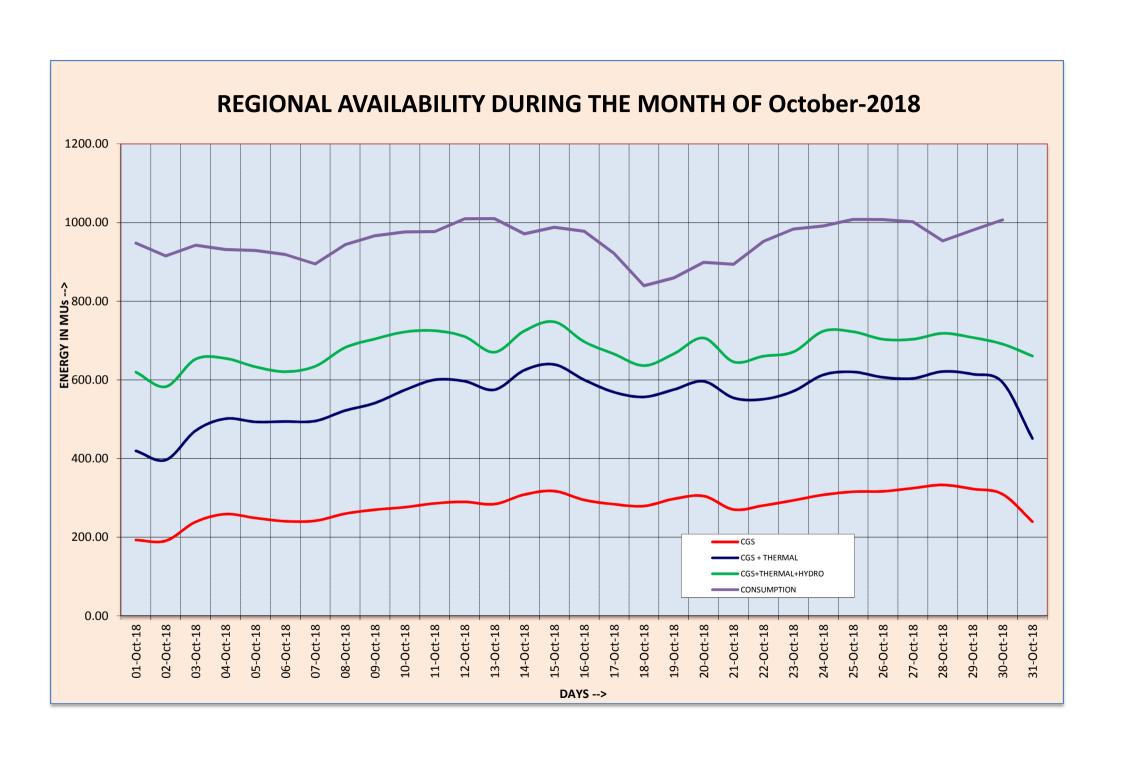
The frequency ranges as a $\,$ percentage of time during the month $\,$

%TIME FREQUENCY	< 49.9	49.90-50.05	>50.05
%	11.64	79.49	8.87

	MAXIMUM DEMAND FOR THE MONTH OF October-2018									
DATE	ANDHRA	TELANGANA	KARNATAKA	KERALA	TAMILNADU	PONDY	S.R			
DATE	DEMAND	DEMAND	DEMAND	DEMAND	DEMAND	DEMAND	DEMAND			
01-Oct-18	8558	9985	8555	3293	13696	308	41587			
02-Oct-18	8601	9817	8135	3165	12308	312	40028			
03-Oct-18	8666	10154	8783	3314	13230	334	42245			
04-Oct-18	8277	10342	8794	3366	13175	317	41367			
05-Oct-18	7912	10488	8553	3382	12341	324	42141			
06-Oct-18	8023	10447	8414	3344	12078	310	41890			
07-Oct-18	8214	10126	8248	3227	11488	287	40157			
08-Oct-18	8562	10442	8922	3175	12309	317	41652			
09-Oct-18	8622	10600	9076	3289	13294	337	43147			
10-Oct-18	8804	10425	9380	3427	13393	341	43658			
11-Oct-18	8560	10261	9407	3199	13251	359	44121			
12-Oct-18	8941	10457	9974	3339	13917	362	44174			
13-Oct-18	8790	10291	10177	3138	13686	350	43980			
14-Oct-18	9453	10273	10015	3133	12635	318	42626			
15-Oct-18	9245	10487	10292	3528	13670	362	44196			
16-Oct-18	9119	10510	10024	3230	13520	347	43705			
17-Oct-18	8642	9750	8508	3519	13085	333	40653			
18-Oct-18	7604	8895	7839	3232	11636	287	36612			
19-Oct-18	7495	9315	7346	3379	12518	342	39171			
20-Oct-18	7959	10300	7893	3362	13229	313	40941			
21-Oct-18	8089	9969	8363	3234	12063	288	39177			
22-Oct-18	8618	10347	9085	3251	13871	334	42856			
23-Oct-18	9156	10280	9772	3621	13739	340	43899			
24-Oct-18	9114	9683	9924	3659	14540	345	44065			
25-Oct-18	9000	10482	9908	3635	14470	336	44818			
26-Oct-18	8763	10577	10022	3622	14485	345	44560			
27-Oct-18	8633	9998	9769	3607	14354	331	43981			
28-Oct-18	8874	10324	9574	3371	12939	307	41571			
29-Oct-18	9036	9602	9852	3534	13572	352	43345			
30-Oct-18	8915	9729	10544	3407	14741	337	44467			
31-Oct-18	9116	9925	10766	3465	14668	346	45226			
AVG	8608	10145	9172	3366	13241	329	42360			
MAX	9453	10600	10544	3659	14741	362	44818			
MIN	7495	8895	7346	3133	11488	287	36612			

	CONSUMTION FOR THE MONTH OF October-2018									
DATE	ANDHRA	TELANGANA	KARNATAKA	KERALA	TAMILNADU	PONDY	S.R			
DATE	CONSMPT	CONSMPT	CONSMPT	CONSMPT	CONSMPT	CONSMPT	CONSMPT			
01-Oct-18	184.35	213.90	175.63	72.11	295.00	6.93	947.92			
02-Oct-18	189.11	208.62	168.74	64.99	276.99	6.66	915.11			
03-Oct-18	192.49	209.66	185.99	66.84	280.23	7.20	942.41			
04-Oct-18	188.61	217.98	183.13	66.89	268.20	6.61	931.42			
05-Oct-18	182.45	227.59	181.36	68.51	262.20	6.73	928.84			
06-Oct-18	183.66	229.42	176.88	68.25	254.11	6.44	918.76			
07-Oct-18	186.47	228.27	166.77	63.12	244.15	5.99	894.77			
08-Oct-18	193.18	229.26	187.27	66.17	261.17	6.72	943.77			
09-Oct-18	195.77	233.43	192.91	66.73	270.66	6.92	966.42			
10-Oct-18	190.52	228.00	197.36	68.23	285.22	7.12	976.45			
11-Oct-18	188.49	222.72	199.71	68.53	290.07	7.38	976.90			
12-Oct-18	193.97	227.78	208.68	70.68	300.66	7.70	1009.47			
13-Oct-18	192.18	218.14	215.08	69.93	307.20	7.66	1010.19			
14-Oct-18	191.19	214.79	205.54	63.64	288.96	7.11	971.23			
15-Oct-18	194.29	219.52	203.46	69.51	294.09	7.29	988.16			
16-Oct-18	191.22	218.76	194.34	67.24	298.96	7.34	977.86			
17-Oct-18	183.23	207.56	169.21	67.57	286.77	7.22	921.56			
18-Oct-18	172.62	192.04	151.45	63.13	254.06	6.13	839.43			
19-Oct-18	170.19	197.56	149.62	66.53	268.86	6.76	859.52			
20-Oct-18	175.12	219.14	157.78	67.18	273.07	6.68	898.97			
21-Oct-18	181.14	217.36	164.48	62.26	262.40	6.23	893.87			
22-Oct-18	188.69	224.50	184.96	66.78	280.71	6.73	952.37			
23-Oct-18	191.25	223.85	199.88	69.57	292.26	6.93	983.74			
24-Oct-18	194.29	215.96	203.95	69.92	300.36	7.02	991.50			
25-Oct-18	198.68	222.62	206.04	70.83	302.64	7.03	1007.84			
26-Oct-18	196.39	219.89	205.23	71.36	307.73	7.20	1007.80			
27-Oct-18	192.73	216.73	204.00	71.79	309.65	7.11	1002.01			
28-Oct-18	188.76	212.06	194.75	65.24	286.01	6.57	953.39			
29-Oct-18	194.05	200.44	208.96	70.15	300.16	6.99	980.75			
30-Oct-18	191.92	209.99	215.59	69.92	312.45	7.00	1006.87			
31-Oct-18	196.79	214.13	220.11	71.28	313.00	7.24	1022.55			
AVG	188.83	217.47	189.64	67.90	284.77	6.92	955.54			
MAX	198.68	233.43	220.11	72.11	313.00	7.70	1022.55			
MIN	170.19	192.04	149.62	62.26	244.15	5.99	839.43			
TOTAL	5853.80	6741.67	5878.86	2104.88	8828.00	214.64	29621.85			





FREQUENCY PROFILE FOR October-2018

	MAX	MIN	AVG	<49.9	49.9- 50.05	>50.05	FVI	STD_DEV
01-Oct-18	50.14	49.76	49.96	18.39	74.68	6.93	0.023	0.046
02-Oct-18	50.15	49.80	49.99	5.89	84.35	9.76	0.018	0.041
03-Oct-18	50.15	49.79	49.98	7.37	86.99	5.64	0.027	0.049
04-Oct-18	50.14	49.81	49.98	9.16	83.66	7.19	0.036	0.058
05-Oct-18	50.20	49.71	49.98	14.25	74.97	10.79	0.049	0.058
06-Oct-18	50.17	49.74	49.99	6.07	83.69	10.24	0.031	0.053
07-Oct-18	50.17	49.79	49.98	9.60	79.30	11.10	0.052	0.066
08-Oct-18	50.13	49.74	49.95	23.45	70.96	5.59	0.038	0.053
09-Oct-18	50.18	49.77	49.97	9.40	83.45	7.15	0.062	0.059
10-Oct-18	50.14	49.79	49.97	12.51	80.93	6.56	0.072	0.066
11-Oct-18	50.17	49.74	49.99	9.36	77.89	12.74	0.050	0.062
12-Oct-18	50.13	49.77	49.98	11.39	75.49	13.13	0.060	0.060
13-Oct-18	50.19	49.83	49.99	7.52	79.29	13.18	0.056	0.062
14-Oct-18	50.18	49.75	49.97	9.90	83.91	6.19	0.057	0.062
15-Oct-18	50.12	49.73	49.97	15.95	77.29	6.76	0.144	0.079
16-Oct-18	50.13	49.81	49.98	6.47	83.55	9.98	0.096	0.071
17-Oct-18	50.14	49.83	49.98	3.96	87.77	8.28	0.029	0.052
18-Oct-18	50.13	49.82	50.00	3.38	82.86	13.76	0.027	0.050
19-Oct-18	50.14	49.82	49.99	4.11	85.30	10.59	0.071	0.067
20-Oct-18	50.12	49.69	49.95	19.14	76.59	4.27	0.033	0.053
21-Oct-18	50.11	49.71	49.94	26.30	70.44	3.26	0.022	0.047
22-Oct-18	50.13	49.73	49.95	23.24	71.12	5.64	0.033	0.056
23-Oct-18	50.13	49.73	49.95	23.24	71.12	5.64	0.027	0.051
24-Oct-18	50.19	49.76	49.97	9.92	82.03	8.06	0.090	0.080
25-Oct-18	50.15	49.76	49.99	10.54	76.45	13.01	0.045	0.064
26-Oct-18	50.17	49.80	49.99	5.26	84.71	10.04	0.032	0.055
27-Oct-18	50.16	49.78	49.98	10.83	80.82	8.35	0.053	0.067
28-Oct-18	50.20	49.84	50.00	4.24	78.40	17.35	0.072	0.068
29-Oct-18	50.14	49.82	49.98	7.25	79.72	13.03	0.065	0.067
30-Oct-18	50.12	49.74	49.96	14.82	80.57	4.62	0.056	0.055
31-Oct-18	50.19	49.77	49.96	17.84	75.90	6.26	0.051	0.059
AVERAGE	50.15	49.77	49.97	11.64	79.49	8.87	0.05	0.06
MAX	50.20	28-10-2018		26.63	102.22	17-01-1900	0.144	0.080
MIN	20-10-2018	49.69				03-01-1900	0.018	0.041

B) DETAILED REPORTS.

I. Detailed State wise breakup of installed capacity (MW)

AGENCY	HYDRO	THERMAL	GAS	DIESEL	WIND/OTHERS	NUCLEAR	TOTAL
ANDHRA PRADESH	1797.60	5010.00	272.00		5.43		7085.03
TELANGANA	2411.76	2882.50			1.00		5295.26
KARNATAKA	3669.45	5020.00		0.00	34.00		8723.45
KERALA	2017.40			159.96	150.16		2327.52
TAMILNADU	2221.90	4320.00	515.88		17.47		7075.25
PONDICHERRY			32.50				32.50
CENTRAL SECTOR		13890.00	0.00			3320.00	17210.00
PRIVATE	1054.66	12040.00	5435.71	32.59	35121.77		53684.73
TOTAL	13172.77	43162.50	6256.09	192.55	35329.82	3320.00	101433.74

 $[\]ensuremath{^{*}}$ The Installed Capacity is reconciled with the data received from states

(II) SALIENT FEATURES OF SYSTEM CONDITIONS.

0 / (-0.00)

Oct 2018 (MW) / %

0 / (-0.00)

0 / (-0.00)

INSTALLED CAPACITY DERATED (MW)	APTRANSCO	TELANGANA	KPTCL	KSEB	TNEB	PONDY	CENTRAL SECTOR	IPP	REGIONAL
Oct-2017	6492	6335	8973	2322	7630	32.5	14970	43540	90295
Oct-2018	7085	5295	8723	2328	7075	32.5	17210	53685	101433
% INCREASE (i)	9.13	-16.42	-2.78	0.22	-7.28	0.00	14.97	23.30	12.34

ENERGY (GROSS) Unrestricted Requirement(MU)	APTRANSCO	TELANGANA	KPTCL	KSEB	TNEB	PONDY	REGIONAL
Oct-2017	4626	4739	4480	2015	8395	212	24467
Oct-2018	5858	6746	5884	2124	8836	216	29664
Energy Availability (MU)							
Oct-2017	4621	4734	4474	2007	8386	212	24433
Oct-2018	5854	6742	5879	2105	8828	215	29622
Shortage(-)/ Surplus(+)							
Oct 2017 (MU) / %	-5 / (-0.10)	-5 / (-0.10)	-6 / (-0.14)	-8 / (-0.41)	-9 / (-0.11)	0 / (-0.19)	-34 / (-0.14)
Oct 2018 (MU) / %	-4 / (-0.07)	-4 / (-0.06)	-6 / (-0.10)	-19 / (-0.90)	-8 / (-0.09)	-1 / (-0.44)	-42 / (-0.14)

DEMAND Unrestricted Demand (MW)	APTRANSCO	TELANGANA	KPTCL	KSEB	TNEB	PONDY	REGIONAL			
Oct-2017	7750	7549	8444	3708	13716	364	39018			
Oct-2018	9453	10600	10765.515	3659.128	14741.3	362	45362			
Availability (MW)										
Oct-2017	7750	7538	8406	3620	13716	364	38905			
Oct-2018	9453	10600	10765.515	3659.128	14741.3	362	45226			
Shortage(-)/ Surplus(+)	APTRNSCO	TELANGANA	KPTCL	KSSB	TNEB	PONDY	REGIONAL			
Oct 2017 (MW) / %	0 / (-0.00)	-11 / (-0.15)	-38 / (- 0.45)	-88 / (-2.36)	0 / (-0.00)	0 / (-0.00)	-113 / (-0.29)			

0 / (-0.00)

0 / (-0.00)

0 / (-0.03)

-136 / (-0.30)

IV)PERFORMANCE OF CONSTITUENTS

ENERGY GENERATED BY GENERATING STATIONS / UNITS IN SOUTHERN REGION DURING October-2018

		ANDHRA PRADESH	<u> </u>		PLIPP	NED ATION
SL.NO.	STATION	EFFECTIVE INSTALLE	ED CAPAC	ITY (MW)	ENERGY GE	From 01-04-18
					Oct-18	To 31-10-2018
		<u>HYDRO</u>				
1	MACHKUND	(3x23+3x17)x70%	=	84.00	25.96	163.34
2	T.B.DAM	(8x9)x80%	=	57.60	18.38	70.82
3	UPPER SILERU	4x60	=	240.00	71.82	237.93
4	DONKARAYI	1x25	=	25.00	15.35	53.46
5	LOWER SILERU	4x115	=	460.00	127.17	544.96
6	SRISAILAM RBPH	7x110	=	770.00	46.06	554.47
7 8	NSR RT.CANAL.P.H PENNA AHOBILAM	3x30 2x10	=	90.00	23.03 1.11	64.83 1.31
9	Mini Hydro & Nagarjunasagar Tailpond	1+2x25		51.00	0.51	3.89
<u> </u>	TOTAL	11ZAZS		1797.60	329.39	1695.02
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	THERMAL			320.00	
1	VIJAYAWADA	6x210 + 1x500	=	1760.00	886.87	11759.03
2	RAYALASEEMA	5x210+1X600	=	1650.00	453.75	6751.94
	VD.5.111.42.4	2 200		1500.00	570.18	7229.66
3	KRISHNAPATNAM	2x800	=	1600.00		
	TOTAL			5010.00	1910.81	25740.63
		GAS/NAPTHA/DIESE	<u>L</u>			
1	VIJJESWARAM STAGE 1 (GAS)	2x33+1x34	=	100.00	0.00	107.94
2	VIJJESWARAM STAGE 2 (GAS)	1x112.5+1x59.5	=	172.00	121.27	1016.50
	TOTAL			272.00	121.27	1124.45
		WIND/SOLAR				
1	SOLAR JURALA	5.43	=	5.43	0.00	0.00
2	Wind	0	=	0.00	0.00	0.00
	TOTAL			5.43	0.00	0.00
		<u>IPP</u>				
1	MINI HYDRO	103.098	=	103.10	44.00	133.00
OAL						
2	HINDUJA POWER CORPORATION LTD	2x520	=	1040.00	140.74	187.64
	G	AS/NAPTHA/DIESI	<u>EL</u>			
1	GVK-I (Godavari Gas)	2x45.8+1x48.9+1x75.5	=	216.82	43.77	836.03
2	GVKStg-II EXTENSION(GAS)	1x145+1x75	=	220.00	0.00	0.00
3	SPECTRUM (GAS)	1x46.8+2x46.1+1x68.88	=	208.31	134.18	1150.63
4	LANCO (GAS)	2x115+1x125	=	351.49	210.87	1652.07
5	ISOLATED GAS WELL (GAS) (LVS)	27.04	=	27.04	0.00	0.00
6	RELIANCE ENERGY LTD. (GAS)	1x140+1x80	=	220.00	0.00	0.00
7	VEMAGIRI POWER GENERATION LTD.(GAS)	1x233+1x137	=	370.00	0.00	0.00
8	GAUTAMI CCPP	2x145 + 1x174	=	464.00	0.00	0.00
9	KONASEEMA CCPP	145.9911+140.0899+165	=	444.08	0.00	0.00
10	GMR (BARG)	237	=	237.00	0.00 8450.55	0.00
	Total	ND / COL AD / OTHE	EDC	2758.74	8450.55	3638.73
	<u>WI</u>	ND / SOLAR / OTH	EKS_			
1	Solar Energy(RPSSGP, NVVN, Grid interactive	1696.426	=	1696.43		
2	S. Jan S. Land (AD State Seller D. III.)	821.35	=	844.35	414.46	726.6
3	Solar Energy (AP State Solar Policy) WIND	4009.17	=	4009.17	396.82	13180.74
э	BAGASSE+BIOMASS+WASTE BASED					
4	PP+CO-GENERATION (NC)	489.81	=	489.81	125.99	849.9
5	· ´	82	=	92.00	0.00	0.0
<u> </u>	MINI POWER PLANTS RE Total	04		82.00 7121.76	937.27	14757.39
	TOTAL IPP			11023.59	10401.96	29268.41
	•					

		<u>TELANGANA</u>			ENERGY CI	ENERATION
L.NO.	STATION	EFFECTIVE INSTAL	LED CAPACI	TY (MW)	Oct-18	From 01-04-
					000-18	To 31-10-20
		<u>HYDRO</u>				
1	SRISAILAM LBPH	6x150	=	900.00	167.45	1308.66
2	N'SAGAR	1x110+7x100.8	=	815.60	43.83	341.77
3	NSR LT.CANAL.P.H	2x30	=	60.00	15.16	49.64
4	NIZAMSAGAR	2x5	=	10.00	0.49	3.06
5	POCHAMPAD	4x9	=	36.00	11.32	27.48
6	SINGUR	2x7.5	=	15.00	0.00	0.65
7	JURALA	6x39	=	234.00	0.03	247.82
8	LOWER JURALA	6x40	=	240.00	1.12	302.70
9	PULICHINTALA	3x30	=	90.00	0.00	0.00
10	MINI HYDEL	11.16	=	11.16	0.00	0.00
	TOTAL			2411.76	71.96	973.1
		<u>THERMAL</u>				
1	RAMAGUNDAM-B	1x62.5	=	62.50	41.19	357.4
2	KOTHAGUDEM-A	4x60	=	240.00	111.68	1232
3	KOTHAGUDEM-B	2x120	=	240.00	115.15	1265.
4	KOTHAGUDEM-C	2x120	=	240.00	186.08	1276.
5	KOTHAGUDEM-D	2x250	=	500.00	356.43	3836.
6	KOTHAGUDEM ST VI	1x500	=	500.00	360.74	3664.
7	KAKATIYA ST1&ST2	1x500+1x600	=	1100.00	774.40	8846.
	TOTAL			2882.50	1945.66	20479.
		WIND/SOLAR				
1	Solar	1	=	1.00	0.00	0.
2	Wind	0	=	0.00	0.00	0.
	TOTAL			1.00	0.00	(
		<u>IPP</u>				
1	MINI HYDRO(SMALL HYDRO)	41.605	=	41.61	0.00	0.0
OAL		12.005		12.02	0.00	0.0
1	SINGARENI TPS	2x600	=	1200.00	332.00	4883.42
	,	WIND / SOLAR / OT	HERS			
		•				
1	Solar	3317.472	=	3318.47	509.19	5176.44
1	Solar BAGASSE+BIOMASS+WASTE BASED		=			5176.44
1 2		3317.472 252.2	=	3318.47 252.20	509.19 31.00	5176.44 366.00
	BAGASSE+BIOMASS+WASTE BASED		<u> </u>			
2	BAGASSE+BIOMASS+WASTE BASED PP+CO-GENERATION (NC)	252.2	<u> </u>	252.20	31.00	366.00 327.89
2	BAGASSE+BIOMASS+WASTE BASED PP+CO-GENERATION (NC) WIND	252.2	<u> </u>	252.20 128.10	31.00 18.15	366.00 327.89 693.
2	BAGASSE+BIOMASS+WASTE BASED PP+CO-GENERATION (NC) WIND RE TOTAL	252.2	<u> </u>	252.20 128.10 3698.77	31.00 18.15 49.15	366.00 327.89 693. 13611.
2	BAGASSE+BIOMASS+WASTE BASED PP+CO-GENERATION (NC) WIND RE TOTAL TOTAL IPP	252.2	<u> </u>	252.20 128.10 3698.77 4940.38	31.00 18.15 49.15 1899.52	366.00 327.89 693 . 13611 .
2 3	BAGASSE+BIOMASS+WASTE BASED PP+CO-GENERATION (NC) WIND RE TOTAL TOTAL IPP TOTAL TELANGANA	252.2 128.1 KARNATAKA	= =	252.20 128.10 3698.77 4940.38 10235.637	31.00 18.15 49.15 1899.52 3917.14	366.00 327.89 693. 13611. 35065.
2 3	BAGASSE+BIOMASS+WASTE BASED PP+CO-GENERATION (NC) WIND RE TOTAL TOTAL IPP	252.2 128.1	= =	252.20 128.10 3698.77 4940.38 10235.637	31.00 18.15 49.15 1899.52 3917.14	366.00 327.89 693. 13611. 35065.
2 3	BAGASSE+BIOMASS+WASTE BASED PP+CO-GENERATION (NC) WIND RE TOTAL TOTAL IPP TOTAL TELANGANA	252.2 128.1 KARNATAKA EFFECTIVE INSTALLED	= =	252.20 128.10 3698.77 4940.38 10235.637	31.00 18.15 49.15 1899.52 3917.14	366.00 327.89 693. 13611. 35065.
2 3	BAGASSE+BIOMASS+WASTE BASED PP+CO-GENERATION (NC) WIND RE TOTAL TOTAL IPP TOTAL TELANGANA STATION	252.2 128.1 KARNATAKA EFFECTIVE INSTALLED HYDRO	= = D CAPACITY	252.20 128.10 3698.77 4940.38 10235.637	31.00 18.15 49.15 1899.52 3917.14 ENERGY GE Oct-18	366.00 327.89 693. 13611. 35065. ENERATION From 01-04 To 31-10-2
2 3 .NO.	BAGASSE+BIOMASS+WASTE BASED PP+CO-GENERATION (NC) WIND RE TOTAL TOTAL IPP TOTAL TELANGANA STATION SHARAVATHY	252.2 128.1 KARNATAKA EFFECTIVE INSTALLED HYDRO 10x103.5	= = O CAPACITY	252.20 128.10 3698.77 4940.38 10235.637 (MW)	31.00 18.15 49.15 1899.52 3917.14 ENERGY GE Oct-18	366.00 327.89 693. 13611. 35065. ENERATION From 01-04 To 31-10-2
2 3 NO.	BAGASSE+BIOMASS+WASTE BASED PP+CO-GENERATION (NC) WIND RE TOTAL TOTAL IPP TOTAL TELANGANA STATION SHARAVATHY LINGANAMAKKI.P.H.	252.2 128.1 KARNATAKA EFFECTIVE INSTALLED HYDRO 10x103.5 2x27.5	= = O CAPACITY = = =	252.20 128.10 3698.77 4940.38 10235.637 (MW) 1035.00 55.00	31.00 18.15 49.15 1899.52 3917.14 ENERGY GE Oct-18 371.43 25.50	366.00 327.89 693. 13611. 35065. ENERATION From 01-04 To 31-10-2
2 3 NO. 1 2 3	BAGASSE+BIOMASS+WASTE BASED PP+CO-GENERATION (NC) WIND RE TOTAL TOTAL IPP TOTAL TELANGANA STATION SHARAVATHY LINGANAMAKKI.P.H. JOG (MGHES)	EFFECTIVE INSTALLED 10x103.5 2x27.5 4x21.6+4x13.2	= = O CAPACITY = = = =	252.20 128.10 3698.77 4940.38 10235.637 (MW) 1035.00 55.00 139.20	31.00 18.15 49.15 1899.52 3917.14 ENERGY GE Oct-18 371.43 25.50 11.66	366.00 327.89 693. 13611. 35065. ENERATION From 01-04 To 31-10-2 4230.6 175.6 219.7
2 3 .NO.	BAGASSE+BIOMASS+WASTE BASED PP+CO-GENERATION (NC) WIND RE TOTAL TOTAL IPP TOTAL TELANGANA STATION SHARAVATHY LINGANAMAKKI.P.H. JOG (MGHES) NAGJHERI	EFFECTIVE INSTALLED HYDRO 10x103.5 2x27.5 4x21.6+4x13.2 1x135+5x150	= = = = = = = = = = = = = = = = = = =	128.10 3698.77 4940.38 10235.637 (MW) 1035.00 55.00 139.20 885.00	31.00 18.15 49.15 1899.52 3917.14 ENERGY GE Oct-18 371.43 25.50 11.66 246.68	366.00 327.89 693. 13611. 35065. ENERATION From 01-04 To 31-10-2 4230.6 175.6 219.7 2164.4
2 3 .NO. 1 2 3 4 5	BAGASSE+BIOMASS+WASTE BASED PP+CO-GENERATION (NC) WIND RE TOTAL TOTAL IPP TOTAL TELANGANA STATION SHARAVATHY LINGANAMAKKI.P.H. JOG (MGHES) NAGJHERI SUPA	EFFECTIVE INSTALLED WARNATAKA EFFECTIVE INSTALLED 10x103.5 2x27.5 4x21.6+4x13.2 1x135+5x150 2x50	= = = = = = = = = = = = = = = = = = =	128.10 3698.77 4940.38 10235.637 (MW) 1035.00 55.00 139.20 885.00 100.00	31.00 18.15 49.15 1899.52 3917.14 ENERGY GE Oct-18 371.43 25.50 11.66 246.68 61.86	366.00 327.89 693. 13611. 35065. ENERATION From 01-04 To 31-10-2 4230.6 175.6 219.7 2164.4 383.3
2 3 .NO. 1 2 3 4 5 6	BAGASSE+BIOMASS+WASTE BASED PP+CO-GENERATION (NC) WIND RE TOTAL TOTAL IPP TOTAL TELANGANA STATION SHARAVATHY LINGANAMAKKI.P.H. JOG (MGHES) NAGJHERI SUPA VARAHI	### ACCUPATION OF THE PROOF TO SERVICE OF THE PROOF THE	= = = = = = = = = = = = = = = = = = =	128.10 3698.77 4940.38 10235.637 (MW) 1035.00 55.00 139.20 885.00 100.00 460.00	31.00 18.15 49.15 1899.52 3917.14 ENERGY GE Oct-18 371.43 25.50 11.66 246.68 61.86 81.47	366.00 327.89 693. 13611. 35065. ENERATION From 01-04 To 31-10-2 4230.6 175.6 219 2164.4 383 1314.2
2 3 .NO. 1 2 3 4 5	BAGASSE+BIOMASS+WASTE BASED PP+CO-GENERATION (NC) WIND RE TOTAL TOTAL IPP TOTAL TELANGANA STATION SHARAVATHY LINGANAMAKKI.P.H. JOG (MGHES) NAGJHERI SUPA	EFFECTIVE INSTALLED WARNATAKA EFFECTIVE INSTALLED 10x103.5 2x27.5 4x21.6+4x13.2 1x135+5x150 2x50	= = = = = = = = = = = = = = = = = = =	128.10 3698.77 4940.38 10235.637 (MW) 1035.00 55.00 139.20 885.00 100.00 460.00 39.20	31.00 18.15 49.15 1899.52 3917.14 ENERGY GE Oct-18 371.43 25.50 11.66 246.68 61.86 81.47 5.50	366.00 327.89 693. 13611. 35065. ENERATION From 01-04 To 31-10-2 4230.6 175.6 219 2164.4 383 1314.2 54.6
2 3 .NO. 1 2 3 4 5 6 7	BAGASSE+BIOMASS+WASTE BASED PP+CO-GENERATION (NC) WIND RE TOTAL TOTAL IPP TOTAL TELANGANA STATION SHARAVATHY LINGANAMAKKI.P.H. JOG (MGHES) NAGJHERI SUPA VARAHI BHADRA POWER HOUSE	EFFECTIVE INSTALLED HYDRO 10x103.5 2x27.5 4x21.6+4x13.2 1x135+5x150 2x50 4x115 1x7+2x12.1+1x2+6	= = = = = = = = = = = = = = = = = = =	128.10 3698.77 4940.38 10235.637 (MW) 1035.00 55.00 139.20 885.00 100.00 460.00	31.00 18.15 49.15 1899.52 3917.14 ENERGY GE Oct-18 371.43 25.50 11.66 246.68 61.86 81.47	366.00 327.89 693. 13611. 35065. ENERATION From 01-04 To 31-10-2 4230.6 175.6 219 2164.4 383 1314.2 54.6 296
2 3 NO. 1 2 3 4 5 6 7 8	BAGASSE+BIOMASS+WASTE BASED PP+CO-GENERATION (NC) WIND RE TOTAL TOTAL IPP TOTAL TELANGANA STATION SHARAVATHY LINGANAMAKKI.P.H. JOG (MGHES) NAGJHERI SUPA VARAHI BHADRA POWER HOUSE SIVANSAMUDRAM	### ACC 128.1 Color	= = = = = = = = = = = = = = = = = = =	128.10 3698.77 4940.38 10235.637 (MW) 1035.00 55.00 139.20 885.00 100.00 460.00 39.20 42.00	31.00 18.15 49.15 1899.52 3917.14 ENERGY GE Oct-18 371.43 25.50 11.66 246.68 61.86 81.47 5.50 37.29 0.00	366.00 327.89 693. 13611. 35065. ENERATION From 01-04 To 31-10-2 4230.6 175.6 219.7 2164.4 383.3 1314.2 54.6 296.3
2 3 NO. 1 2 3 4 5 6 7 8 9	BAGASSE+BIOMASS+WASTE BASED PP+CO-GENERATION (NC) WIND RE TOTAL TOTAL IPP TOTAL TELANGANA STATION SHARAVATHY LINGANAMAKKI.P.H. JOG (MGHES) NAGJHERI SUPA VARAHI BHADRA POWER HOUSE SIVANSAMUDRAM SHIMSHA	252.2 128.1 KARNATAKA EFFECTIVE INSTALLED HYDRO 10x103.5 2x27.5 4x21.6+4x13.2 1x135+5x150 2x50 4x115 1x7+2x12.1+1x2+6 6x3+4x6	= = = = = = = = = = = = = = = = = = =	128.10 3698.77 4940.38 10235.637 (MW) 1035.00 55.00 139.20 885.00 100.00 460.00 39.20 42.00 17.20	31.00 18.15 49.15 1899.52 3917.14 ENERGY GE Oct-18 371.43 25.50 11.66 246.68 61.86 81.47 5.50 37.29	366.00 327.89 693. 13611. 35065. ENERATION From 01-04 To 31-10-2 4230.6 175.6 219.7 2164.4 383.3 1314.2 54.6 296.3 26.0 105.9
2 3 3 .NO. 1 2 3 4 5 6 7 8 9 10	BAGASSE+BIOMASS+WASTE BASED PP+CO-GENERATION (NC) WIND RE TOTAL TOTAL IPP TOTAL TELANGANA STATION SHARAVATHY LINGANAMAKKI.P.H. JOG (MGHES) NAGJHERI SUPA VARAHI BHADRA POWER HOUSE SIVANSAMUDRAM SHIMSHA MUNIRABAD	252.2 128.1 KARNATAKA EFFECTIVE INSTALLED 10x103.5 2x27.5 4x21.6+4x13.2 1x135+5x150 2x50 4x115 1x7+2x12.1+1x2+6 6x3+4x6 2x8.6 1x10+3x9	= = = = = = = = = = = = = = = = = = =	128.10 3698.77 4940.38 10235.637 (MW) 1035.00 55.00 139.20 885.00 100.00 460.00 39.20 42.00 17.20 28.00	31.00 18.15 49.15 1899.52 3917.14 ENERGY GE Oct-18 371.43 25.50 11.66 246.68 61.86 81.47 5.50 37.29 0.00 14.15	366.00 327.89 693. 13611. 35065. ENERATION From 01-04 To 31-10-2 4230.6 175.6 219.7 2164.4 383.3 1314.2 54.6 296.3 26.0 105.9
2 3 NO. 1 2 3 4 5 6 7 8 9 10 11	BAGASSE+BIOMASS+WASTE BASED PP+CO-GENERATION (NC) WIND RE TOTAL TOTAL IPP TOTAL TELANGANA STATION SHARAVATHY LINGANAMAKKI.P.H. JOG (MGHES) NAGJHERI SUPA VARAHI BHADRA POWER HOUSE SIVANSAMUDRAM SHIMSHA MUNIRABAD T.B.DAM SHARE (20 %)	252.2 128.1 KARNATAKA EFFECTIVE INSTALLED 10x103.5 2x27.5 4x21.6+4x13.2 1x135+5x150 2x50 4x115 1x7+2x12.1+1x2+6 6x3+4x6 2x8.6 1x10 + 3x9 8x9(20%)	= = = = = = = = = = = = = = = = = = =	128.10 3698.77 4940.38 10235.637 (MW) 1035.00 55.00 139.20 885.00 100.00 460.00 39.20 42.00 17.20 28.00 14.40	31.00 18.15 49.15 1899.52 3917.14 ENERGY GE Oct-18 371.43 25.50 11.66 246.68 61.86 81.47 5.50 37.29 0.00 14.15 4.34	366.00 327.89 693. 13611. 35065. ENERATION From 01-04 To 31-10-2 4230.6 175.6 219 2164 383.3 1314 54.6 296.3 26.0 105.9 26.0 73.6
2 3 3 .NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14	BAGASSE+BIOMASS+WASTE BASED PP+CO-GENERATION (NC) WIND RE TOTAL TOTAL IPP TOTAL TELANGANA STATION SHARAVATHY LINGANAMAKKI.P.H. JOG (MGHES) NAGJHERI SUPA VARAHI BHADRA POWER HOUSE SIVANSAMUDRAM SHIMSHA MUNIRABAD T.B.DAM SHARE (20 %) GHATAPRABHA	### ARNATAKA EFFECTIVE INSTALLED HYDRO	= = = = = = = = = = = = = = = = = = =	128.10 3698.77 4940.38 10235.637 (MW) 1035.00 55.00 139.20 885.00 100.00 460.00 39.20 42.00 17.20 28.00 14.40 32.00	31.00 18.15 49.15 1899.52 3917.14 ENERGY GE Oct-18 371.43 25.50 11.66 246.68 61.86 81.47 5.50 37.29 0.00 14.15 4.34 1.99	366.00 327.89 693. 13611. 35065. ENERATION From 01-04 To 31-10-2 4230.6 175.6 219 2164 383.3 1314 54.6 296.3 26.0 105.9 26.0 73.6
2 3 3 .NO. 1 2 3 4 5 6 7 8 9 10 11 12 13	BAGASSE+BIOMASS+WASTE BASED PP+CO-GENERATION (NC) WIND RE TOTAL TOTAL IPP TOTAL TELANGANA STATION SHARAVATHY LINGANAMAKKI.P.H. JOG (MGHES) NAGJHERI SUPA VARAHI BHADRA POWER HOUSE SIVANSAMUDRAM SHIMSHA MUNIRABAD T.B.DAM SHARE (20 %) GHATAPRABHA MANI DAM.P.H. MINI HYDRO MALLAPUR	### ARNATAKA EFFECTIVE INSTALLED	= = = = = = = = = = = = = = = = = = =	252.20 128.10 3698.77 4940.38 10235.637 (MW) 1035.00 55.00 139.20 885.00 100.00 460.00 39.20 42.00 17.20 28.00 14.40 32.00 9.00 4.45 9.00	31.00 18.15 49.15 1899.52 3917.14 ENERGY GE Oct-18 371.43 25.50 11.66 246.68 61.86 81.47 5.50 37.29 0.00 14.15 4.34 1.99 4.13	366.00 327.89 693. 13611. 35065. SNERATION From 01-04 To 31-10-2 4230.6 175.6 219 2164.4 383.3 1314.4 296 26.0 105.9 26.0 73.0 22
2 3 3 .NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	BAGASSE+BIOMASS+WASTE BASED PP+CO-GENERATION (NC) WIND RE TOTAL TOTAL IPP TOTAL TELANGANA STATION SHARAVATHY LINGANAMAKKI.P.H. JOG (MGHES) NAGJHERI SUPA VARAHI BHADRA POWER HOUSE SIVANSAMUDRAM SHIMSHA MUNIRABAD T.B.DAM SHARE (20 %) GHATAPRABHA MANI DAM.P.H. MINI HYDRO MALLAPUR KADRA	### ARNATAKA EFFECTIVE INSTALLED HYDRO	= = = = = = = = = = = = = = = = = = =	252.20 128.10 3698.77 4940.38 10235.637 (MW) 1035.00 55.00 139.20 885.00 100.00 460.00 39.20 42.00 17.20 28.00 14.40 32.00 9.00 4.45 9.00 150.00	31.00 18.15 49.15 1899.52 3917.14 ENERGY GE Oct-18 371.43 25.50 11.66 246.68 61.86 81.47 5.50 37.29 0.00 14.15 4.34 1.99 4.13 0.00 0.00 22.46	366.00 327.89 693. 13611. 35065. SNERATION From 01-04 To 31-10-2 4230.6 175.6 219.7 2164.4 383.3 1314.2 54.6 296.3 26.0 105.9 26.0 73.6 22.2 0.0 0.0
2 3 3 .NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	BAGASSE+BIOMASS+WASTE BASED PP+CO-GENERATION (NC) WIND RE TOTAL TOTAL IPP TOTAL TELANGANA STATION SHARAVATHY LINGANAMAKKI.P.H. JOG (MGHES) NAGJHERI SUPA VARAHI BHADRA POWER HOUSE SIVANSAMUDRAM SHIMSHA MUNIRABAD T.B.DAM SHARE (20 %) GHATAPRABHA MANI DAM.P.H. MINI HYDRO MALLAPUR KADRA KODASALLI	### ARNATAKA EFFECTIVE INSTALLED HYDRO	= = = = = = = = = = = = = = = = = = =	252.20 128.10 3698.77 4940.38 10235.637 (MW) 1035.00 55.00 139.20 885.00 100.00 460.00 39.20 42.00 17.20 28.00 14.40 32.00 9.00 4.45 9.00 150.00 120.00	31.00 18.15 49.15 1899.52 3917.14 ENERGY GE Oct-18 371.43 25.50 11.66 246.68 61.86 81.47 5.50 37.29 0.00 14.15 4.34 1.99 4.13 0.00 0.00 22.46 25.25	366.00 327.89 693. 13611. 35065. ENERATION From 01-04 To 31-10-2 4230.6 175.6 219.7 2164.4 383.3 1314.2 54.6 296.3 26.0 105.9 26.0 470.0 342.2
2 3 3 .NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	BAGASSE+BIOMASS+WASTE BASED PP+CO-GENERATION (NC) WIND RE TOTAL TOTAL IPP TOTAL TELANGANA STATION SHARAVATHY LINGANAMAKKI.P.H. JOG (MGHES) NAGJHERI SUPA VARAHI BHADRA POWER HOUSE SIVANSAMUDRAM SHIMSHA MUNIRABAD T.B.DAM SHARE (20 %) GHATAPRABHA MANI DAM.P.H. MINI HYDRO MALLAPUR KADRA KODASALLI SHARAVATHI TAIL RACE	### ARNATAKA EFFECTIVE INSTALLED HYDRO	= = = = = = = = = = = = = = = = = = =	252.20 128.10 3698.77 4940.38 10235.637 (MW) 1035.00 55.00 139.20 885.00 100.00 460.00 39.20 42.00 17.20 28.00 14.40 32.00 9.00 4.45 9.00 150.00 120.00 240.00	31.00 18.15 49.15 1899.52 3917.14 ENERGY GE Oct-18 371.43 25.50 11.66 246.68 61.86 81.47 5.50 37.29 0.00 14.15 4.34 1.99 4.13 0.00 0.00 22.46 25.25 35.35	366.00 327.89 693. 13611. 35065. ENERATION From 01-04 To 31-10-2 4230.6 175.6 219.7 2164.4 383.3 1314.2 54.6 296.3 26.0 105.9 26.0 470.0 342.2 543.5
2 3 3 .NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	BAGASSE+BIOMASS+WASTE BASED PP+CO-GENERATION (NC) WIND RE TOTAL TOTAL IPP TOTAL TELANGANA STATION SHARAVATHY LINGANAMAKKI.P.H. JOG (MGHES) NAGJHERI SUPA VARAHI BHADRA POWER HOUSE SIVANSAMUDRAM SHIMSHA MUNIRABAD T.B.DAM SHARE (20 %) GHATAPRABHA MANI DAM.P.H. MINI HYDRO MALLAPUR KADRA KODASALLI	### ARNATAKA EFFECTIVE INSTALLED HYDRO	= = = = = = = = = = = = = = = = = = =	252.20 128.10 3698.77 4940.38 10235.637 (MW) 1035.00 55.00 139.20 885.00 100.00 460.00 39.20 42.00 17.20 28.00 14.40 32.00 9.00 4.45 9.00 150.00 120.00	31.00 18.15 49.15 1899.52 3917.14 ENERGY GE Oct-18 371.43 25.50 11.66 246.68 61.86 81.47 5.50 37.29 0.00 14.15 4.34 1.99 4.13 0.00 0.00 22.46 25.25	366.00 327.89 693. 13611. 35065. ENERATION From 01-04 To 31-10-2 4230.6 175.6 219.7 2164.4 383.3 1314.2 54.6 296.3 26.0 105.9 26.0 470.0 342.2

1	RAICHUR.T.PS.	7x210 +1x250	=	1720.00	736.51	8348.56	
2	BELLARY TPS	2x 500+1x700	=	1700.00	360.96	2855.94	
3	YERAMARAS TPS	2x800	=	1600.00	156.43	1127.73	
	TOTAL			5020.00	1097.47	12332.2	
		CAS/NAPTHA/DIE	CFI				
<u>GAS/NAPTHA/DIESEL</u>							
		WIND/SOLAR					
		WIND/SOLAR					
1	SOLAR	WIND/SOLAR	=	34.00	3.36	38.9	
1 2	SOLAR Wind			34.00 0.00	3.36 0.32	38.99 6.2	

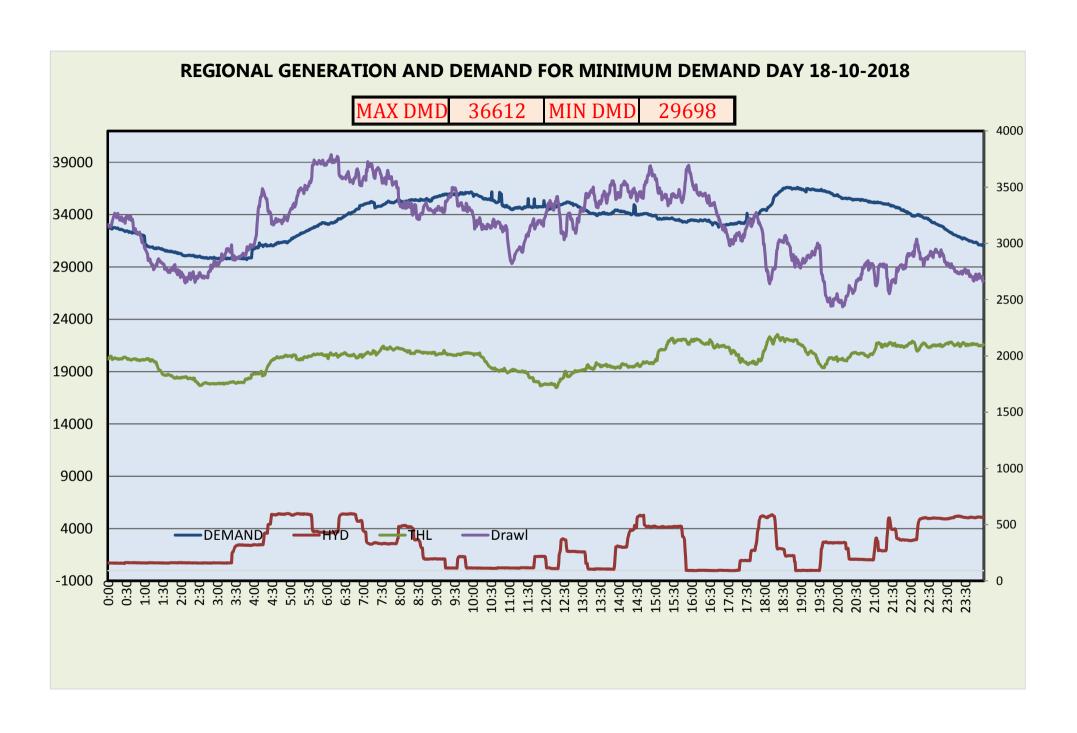
		IPP				
HYDRO		_				
1	MINI HYDEL	853.46	=	853.46	0.00	0.00
COAL						
1	UPCL(THERMAL)	2x600	=	1200.00	737.00	4392.82
2	JINDAL (COAL & COREX)	2x130+4x300	=	1460.00	460.12	1564.40
		CAC (NAPENA /DI	DODI	2660.00	1197.12	5957.22
		GAS/NAPTHA/DI	<u>ESEL</u>			
2	TATA ELECTRIC (DIESEL) RAYAL SEEMA ALKALIES (DIESEL)	5x16.26 3x12	= =	81.30 36.00	0.00	0.00
3	ITP L (DIESEL)	9	=	9.00	0.00	0.00 0.00
	· ·	UND / COLAD / OF	EHEDC	126.30		
1	WIND MILL	VIND / SOLAR / OT 4689.26	IHEKS	4689.26		19692.49
2	CO-GENERATION+Biomass	1643.16	=	1643.16	1244.52	15052.45
3	SOLAR	5098.39	=	5098.39	1344.52	
4	Bio mass RE TOTAL	134.03	=	158.80 11589.61	1344.52	19692.49
	TOTAL IPP			15229.37	3738.75	31606.93
	TOTAL KARNATAKA			23952.820	5838.59	55169.12
		<u>KERALA</u>				
SL.NO.	STATION	EFFECTIVE INSTALLED CAPACITY (MW)			ENERATION From 01-04-17	
BEIITOI		ETTEGTIVE INCTITEE		(1111)	Oct-18	To 31-10-2018
		<u>HYDRO</u>				
1	KUTTIADI + EXTENTION + ADDL. EXTN.	3x25 + 50 +50+50	=	225.00	67.09	974.91
2	SHOLAYAR	3x18	=	54.00	18.13	217.18
3	PORINGALKUTHU	4x8	=	32.00	2.90	150.99
4 5	PORIG. L. BANK PALLIVASAL	16 3x7.5+3x5	= =	16.00 37.50	11.93 19.22	100.01 206.39
6	SENGULAM	4x12		48.00	11.51	117.02
7	PANNIAR	2x16	=	32.00	0.00	147.49
8	NERIAMANGALAM + EXTENSION	3x17.5 +25	=	77.50	54.42	439.21
9	SABARIGIRI IDUKKI	2x60 + 4x55 3x130+3x130	= =	340.00 780.00	165.52 319.73	1883.62 3205.45
11	IDAMALAYAR	2x37.5	=	75.00	34.04	389.12
12	KALLADA	2x7.5	=	15.00	4.26	86.64
13	PEPPARA	3	=	3.00	0.76	8.30
14 15	MADUPETTY MALAMPUZHA	2 1x2.5	= =	2.00 2.50	0.00	2.45 2.92
16	L.PERIYAR	3x60	=	180.00	105.43	582.86
17	KAKKAD	2x25	=	50.00	23.55	284.25
18 19	CHEMBUKADAVU URUMI	1x2.7+1x3.75 1 x 3.75 + 1 x 2.4	= =	6.45 6.15	0.33 0.56	13.03 12.03
20	MALANKARA	3 x 3.5	=	10.50	3.14	33.36
21	LOWER MEENMUTTY	2x1.5 + 1x0.5	=	3.50	0.70	8.27
22	KUTTIADI TAIL RACE	3 x 1.25	=	3.75	0.89	11.45
23	POOZHITHODE	3 x 1.60	=	4.80	0.66	13.31
24 25	RANIPERUNADU VILANGAD	2 x 2 3x2.5	= =	4.00 7.50	0.00	6.47 13.66
26	PEECHI	1 x 1.25	=	1.25	0.11	1.87
	TOTAL			2017.40	845.64	8912.25
		GAS/NAPTHA/DI	•			
2	BRAHMAPURAM DGPP (DIESEL)* KOZHIKODE DPP (DIESEL)*	3x21.32 6x16	= =	63.96 96.00	0.13	0.00
	TOTAL	0.00		159.96	0.13	0.00
		WIND				
1	WIND MILL	59.30	=	59.30	0.04	1.68
2	solar	90.86	=	90.86	0.87	7.33
	TOTAL	100		150.16	0.91	9.02
		<u>IPP</u> HYDRO				
1	MANIYAR	3x4	=	12.00	0.00	39.65
2	KUTHUNGAL	3x7	=	21.00	11.05	64.12
3	ULLUNGAL	2x3.5	=	7.00	0.00	15.42
4	IRUTTUKANAM	1x3	=	3.00	0.00	21.02 65.29
5	KARIKKAYAM	3 x 3.5	=	10.50	5.31	05.29

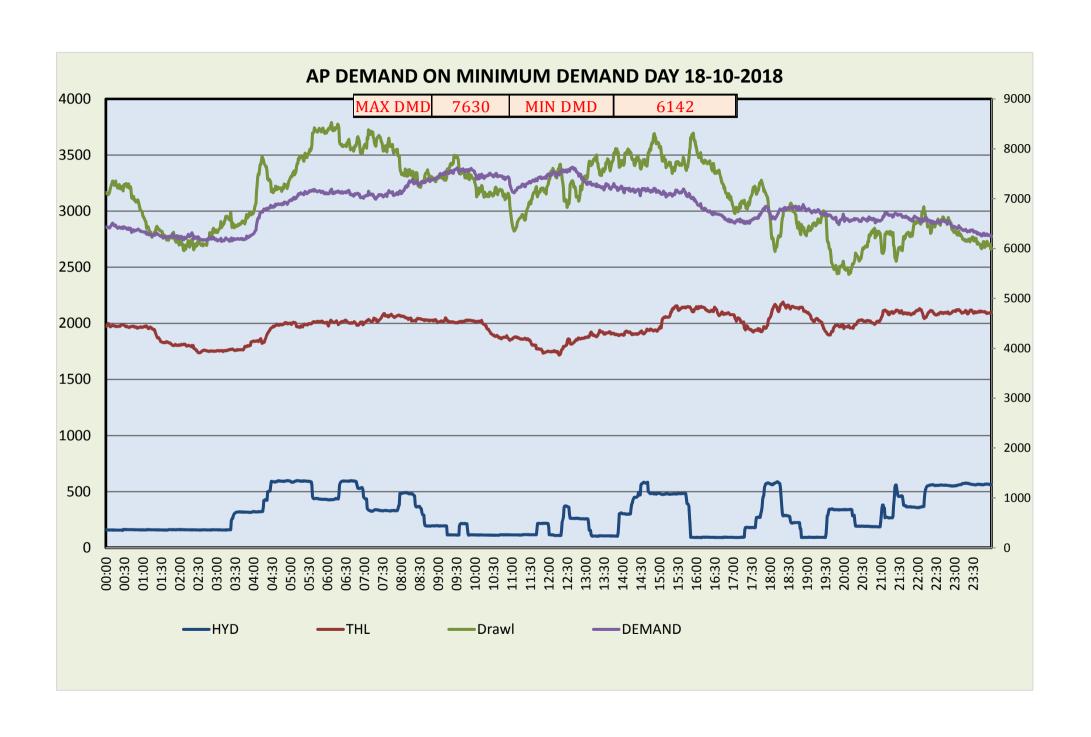
6	MEENVALLAM	1 x 3	=	3.00	0.80	11.65
				56.50	17.16	217.13
		GAS/NAPTHA/DIESI	<u>EL</u>			
1	RGCCPP,KAYAMKULAM (KSEB) - NTPC	2x116.6(GT)+1x126.38(ST)	=	359.58	0.00	0.00
2	BSES (NAPTHA)	3x40.5(GT)+1x35.5(ST)	=	157.00	0.00	0.00
3	KASARGODE (DIESEL)	3x7.31	=	21.93	0.00	0.00
4	MPS STEEL CASTINGS	1x10	=	10.00	0.00	0.00
	•	•		548.51	0.00	0.00
		WIND/OTHERS				
1	AGALI+RAMAKKELMEDU	18.6+14.25	=	57.25	3.37	156.94
2	solar	15	=	59.18	8.84	8.84
3	PCBL Co-Generation	10	=	20.00	3.49	3.49
	RE TOTAL			136.43	15.70	169.27
	TOTAL IPP			741.44	50.02	603.54
	TOTAL KERALA			3068.960	896.70	9524.80

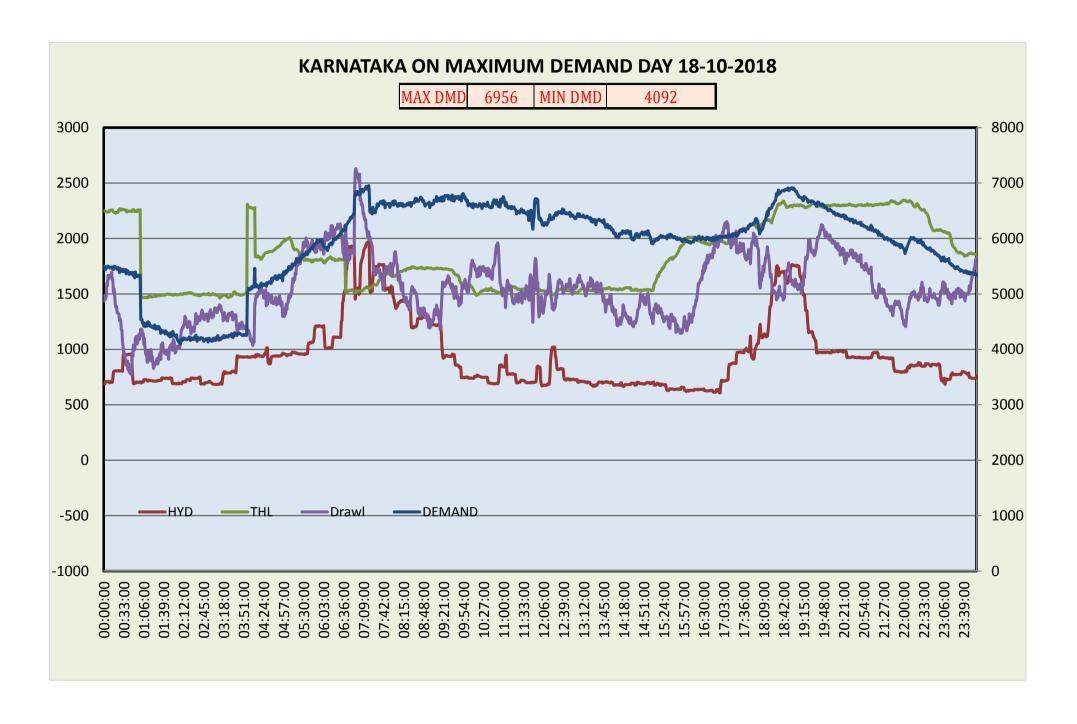
		<u>TAMILNADU</u>			ENERGY	ENERATION
L.NO.	STATION	EFFECTIVE INSTALLED CAP	ACITY	(MW)		From 01-04-1
		2112011121101112222 0111		()	0ct-18	To 31-10-201
		<u>HYDRO</u>				
1	PYKARA	3x6.65+1x11+2x14	=	58.95	0.00	43.16
2	PYKARA MICRO	1x2	=	2.00	1.01	9.53
3	PYKARA ULTIMATE (PUSHEP)	3x50	=	150.00	49.26	635.53
<u>4</u> 5	MOYAR MARAVAKANDI	3x12 1x0.75	=	36.00 0.75	17.27 0.03	192.52 1.03
6	KUNDAH-I	3x20		60.00	28.47	164.08
7	KUNDAH-II	5x35	=	175.00	75.03	477.02
8	KUNDAH-III	3x60	=	180.00	46.10	274.83
9	KUNDAH-IV	2x50	=	100.00	17.04	153.83
10	KUNDAH-V	2x20	=	40.00	7.44	43.74
11	SURULIYAR	1x35	=	35.00	18.54	39.15
12	KADAMPARAI	4x100	=	400.00	39.35	457.08
13	ALIYAR	1x60	=	60.00	0.00	0.00
14 15	POONACHI METTUR DAM	1x2 4x12.5	=	2.00 50.00	2.04 18.85	2.46 17.63
16	METTUR DAM METTUR TUNNEL	4x12.5 4x50	=	200.00	66.02	0.07
17	LOWER METTUR BARRIAGE - 1 TO 4	8x15	=	120.00	44.61	12.54
	BHAVANISAGAR MICRO	4x2			3.67	5.84
18 19	PERIYAR	4x2 4x35	=	8.00 140.00	116.44	303.05
20	VAIGAI	2x3		6.00	4.07	1.59
21	PAPANASAM	4x8	=	32.00	5.62	35.47
22	SERVALAR	1x20	=	20.00	1.05	9.04
23	SARKARAPATHY	1x30	=	30.00	13.79	0.00
24	SHOLAYAR	2x35+25	=	95.00	28.22	0.13
25	KODAYAR	1x60+1x40	=	100.00	21.51	139.75
26	LOWER BHAVANISAGAR	2X4	=	8.00	3.64	0.00
27	SATHANUR DAM PH	1x7.5	=	7.50	0.00	1.39
28	KUNDAH-VI (Parson Valley)	1x30	=	30.00	0.00	1.39
29	MICRO TOTAL	0.70+1.95+2.5+4+1.3+5.25	=	15.70	8.53	27.54
30	BHAVANI KATTALAI BARRAGE - I & II	4x15	=	60.00	42.93	3.91
	TOTAL	TIVE DATA		2221.90	680.53	3053.28
		<u>THERMAL</u>				
	<u>COAL/LIGNITE</u>					
1	ENNORE.T.P.S*	2x60+3x110	=	0.00	0.00	0.00
2	TUTUCORIN.T.P.S	5x210	=	1050.00	471.01	5341.29
3	METTUR.T.P.S	4x210 + 1x600	=	1440.00	640.06	6984.08
4	NORTH CHENNAI T.P.S	3x210 + 2x600	=	1830.00	919.58	9194.63
	TOTAL ENNORE.T.P.S* shutdown of Units permener	ntly from 21.02.17		4320.00	2030.64	21519.98
		•				
	_	GAS/NAPTHA/DIESEI	_			T
1	BASIN BRIDGE (NAPTHA)	4x30	=	120.00	0.00	0.1
3	KOVIL KALAPPAL (GAS) VALATHUR (GAS) STG1	1x70+1x37.88 1x60+1x35	=	107.88 95.00	45.03 50.40	415.8 391.6
<u>5</u>	VALATHUR (GAS) STG2	1 x 60 + 1 x 32	=	92.00	20.85	170.3
5	KUTTALAM (GAS)	1x64+1x37	=	101.00	35.08	270.4
-	TOTAL			515.88	151.36	1248.3
		WIND / SOLAR		•		
1	TNEB WIND MILL	17.465	=	17.47	0.00	0.0
2	Solar	0	=	0.00	0.00	0.0
	TOTAL			17.47	0.00	0.0
		<u>IPP</u>				
		LIGNITE/THERMAL				
1	NEYVELI-I (TN) - NLC	6x50+3x100	=	600.00	222.70	2698.2
	INCT VECI-T (TIV) - INCC			000.00		
2	ST - CMS	250	=	250.00	135.46	890.3
		CAC/MADTUA/DIECEI		850.00	358.16	3588.5
1	GMR POWER (DIESEL)	GAS/NAPTHA/DIESEI	<u> </u>	196.00	0.00	0.0
2	SAMALPATTY (DIESEL)	7x15.1	=	105.66	0.00	0.0
3	MADURAI POWER CL (DIESEL)	106	=	106.00	0.00	0.0
4	P P NALLUR (NAPTHA)	330.5	=	330.50	0.00	0.0
5	ABAN POWER (GAS)	74.41+38.81	=	113.20	63.50	342.5
6	ARKEY ENERGY(PENNA)(GAS)	1x38 + 2x6.8 + 1x20	=	52.80	28.09	256.4
				904.16	91.60	599.0
		<u>IND / SOLAR / OTHEI</u>	RS			
1	WIND MILL *	8152.00	=	8269.00	161.07	14413.37
2	SOLAR	1950.00	=	2277.00	263.07	2452.04

3	CO-GENERATION	688.40	=	688.40	621.043	6356.70
4	BIO-MASS & CPP	237.67	=	266.00	021.043	
5	Captive Power Projects (CPPs)	1074.80	=	1074.80	0.000	
	RE TOTAL			11500.40	1045.180	23222.11
	TOTAL IPP			14329.36	1944.69	31597.26
	TOTAL TAMIL NADU		•	21404.61	4807.21	57418.82

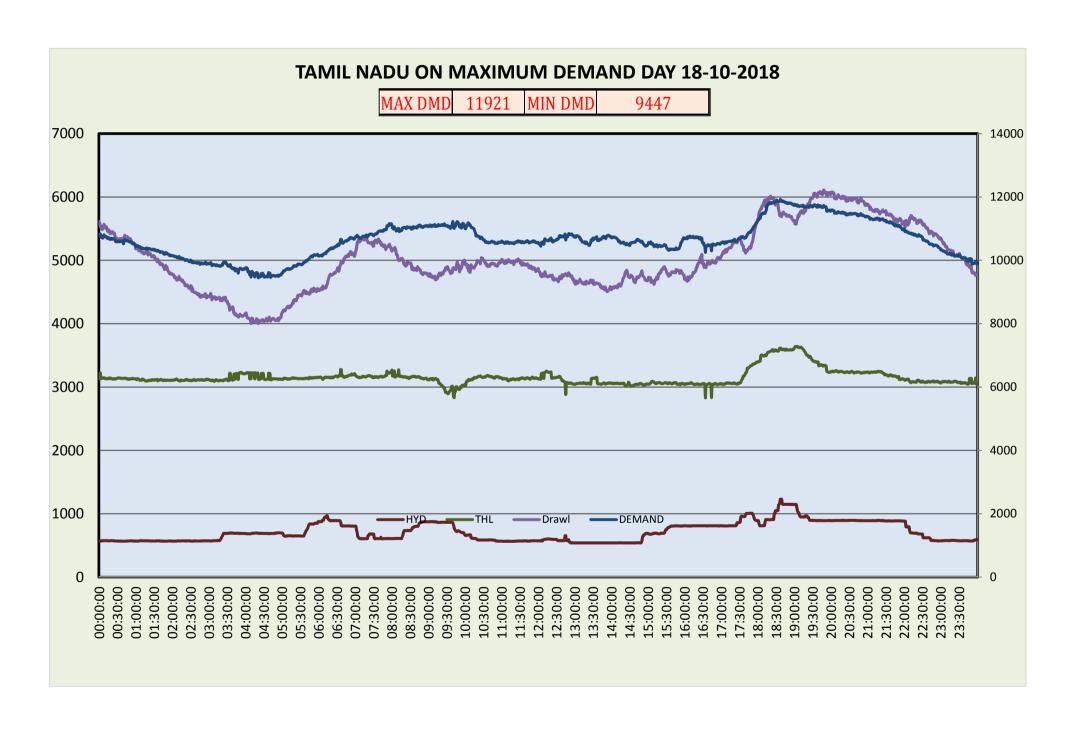
		PONDICHERRY				
					ENERGY G	ENERATION
SL.NO.	STATION	EFFECTIVE INSTALLED C	APACITY	(MW)	Oct-18	From 01-04-18 To 31-10-2018
	<u>G</u>	AS/NAPTHA/DIESI	<u>EL</u>			
1	KARAIKAL POWER PLANT (GAS)	22.9 + 9.6	=	32.50	0.00	0.00
	TOTAL			32.50	0.00	0.00
	TOTAL PONDICHERRY			32.50	0.00	0.00
	<u>IPI</u>	UNDER OPEN ACC	ESS			
	<u>G</u>	AS/NAPTHA/DIES	<u>EL</u>			
1	LANCO KONDAPPILLI POWER LTD. ST2&ST3	233 + 133+2*(233 + 133)	=	1098.00	0.00	0.00
2	SIMHAPURI ENERGY PVT LTD	4 x 150	=	600.00	0.00	198.92
3	MEENAKSHI ENERGY PVT LTD	2 x 150+1X350	=	650.00	0.00	48.89
4	COASTAL ENERGY	2x600	=	1200.00	423.80	997.90
5	TPCIL	2x660	=	1320.00	591.36	6747.45
6	IL&FS	2x600	=	1200.00	662.84	2754.41
7	SGPL	2x660	=	1320.00	422.30	1540.70
	TOTAL			7388.00	1678.00	10747.57
	TOTAL IPP UNDER OPEN ACCESS			7388.00	1678.00	10747.57
		CENTRAL SECTOR		•		
					ENERGY G	ENERATION
SL.NO.	STATION	EFFECTIVE INSTALLED C	APACITY	(MW)	Oct-18	From 01-04-18 To 31-10-2018
		THERMAL				
		<u>COAL</u>				
1	RAMAGUNDAM T.P.S (ISGS) - NTPC	3x200+4x500	=	2600	1484.77	14274.48
2	TALCHER STAGE II (ISGS) - NTPC	4x500	=	2000	984.26	11271.24
3	SIMHADRI STAGE - I - NTPC	2x500	=	1000	377.48	5241.79
4	SIMHADRI STAGE - II - NTPC	2x500	=	1000	604.61	3422.09
5	VALLUR TPS - NTPC	3x500	=	1500	561.67	5997.78
6	NTPL	2X500	=	1000	636.74	4489.23
7	NTPC KUDGI	3x800	=	2400	593.67	3870.31
		LIGNITE				
8	NEYVELI-II (ISGS) - NLC	7x210	=	1470	891.59	7834.23
9	NEYVELI TPS-I (Expansion) (ISGS) - NLC	2x210	=	420	304.79	1960.70
10	NEYVELI TPS-II (Expansion) (ISGS) - NLC	2 x 250	=	500	227.33	730.62
	TOTAL			13890.00	6666.91	59092.45
		NUCLEAR				
10	M.A.P.S KALPAKAM (ISGS) - NPC	2x220	=	440.00	142.09	1439.13
11	KAIGA A.P.S (ISGS) - NPC	4x220	=	880.00	644.82	5820.82
12	KUDANKULAM A.P.S (ISGS) - NPC	2x1000	=	2000.00	419.04	6269.81
	TOTAL			3320.00	1205.95	13529.77
		SOLAR				
13	RAMANGUNDAM	10.000	=	10.00	1.43	9.02
	TOTAL			10.00	1.43	9.02
	TOTAL CENTRAL SECTOR			17220.00	7874.30	72631.24
	GRAND TOTAL			101411.15	37775.37	298385.14

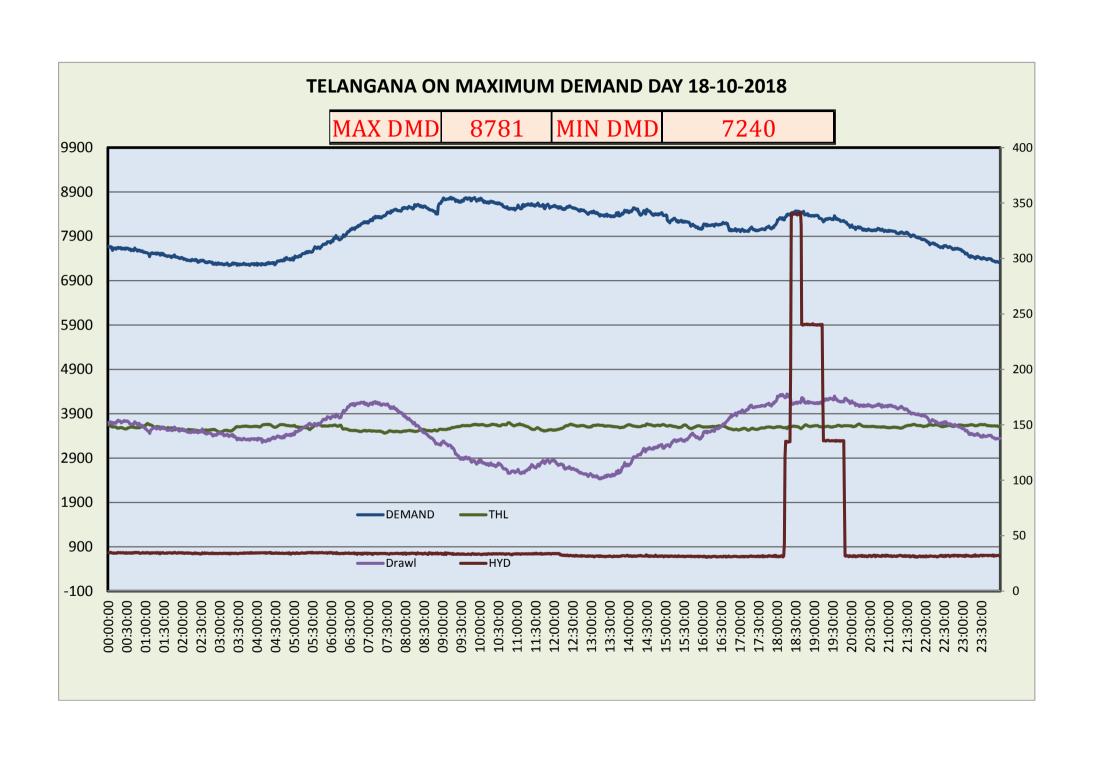


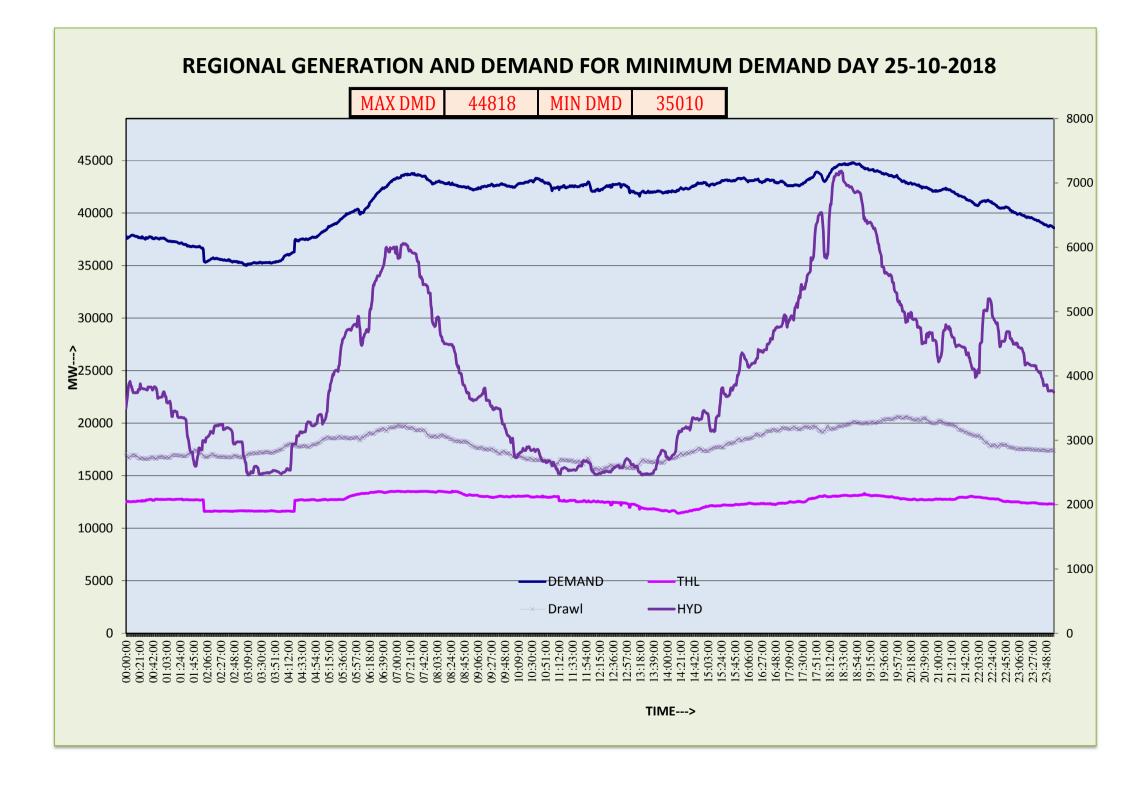


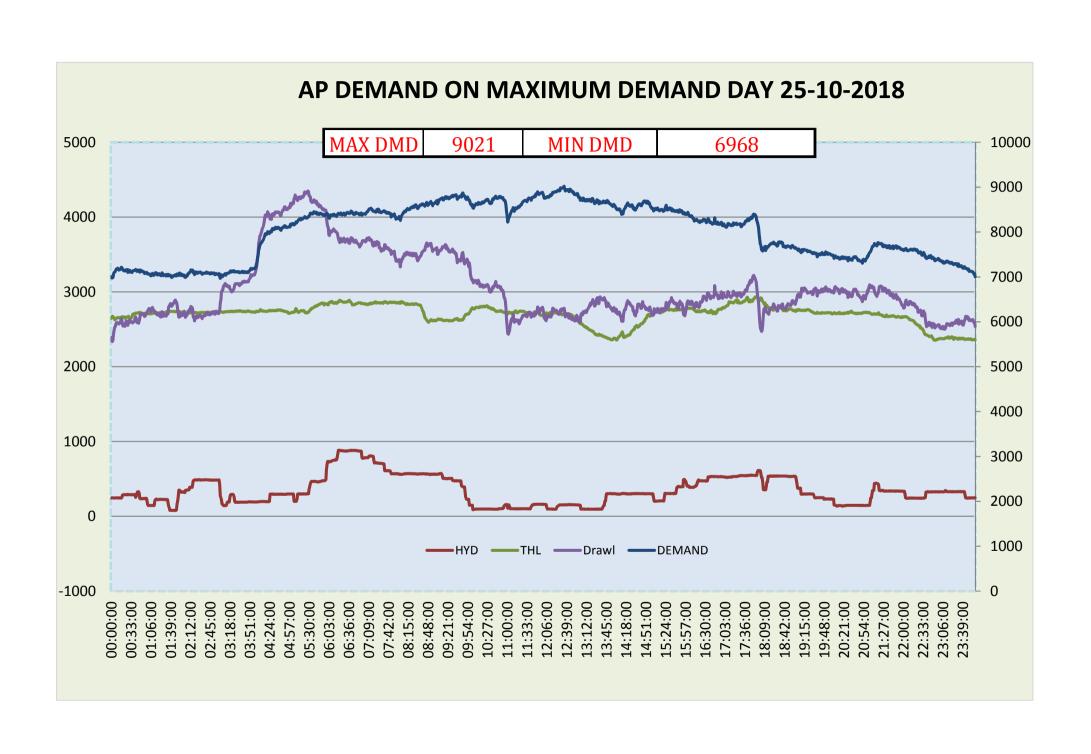


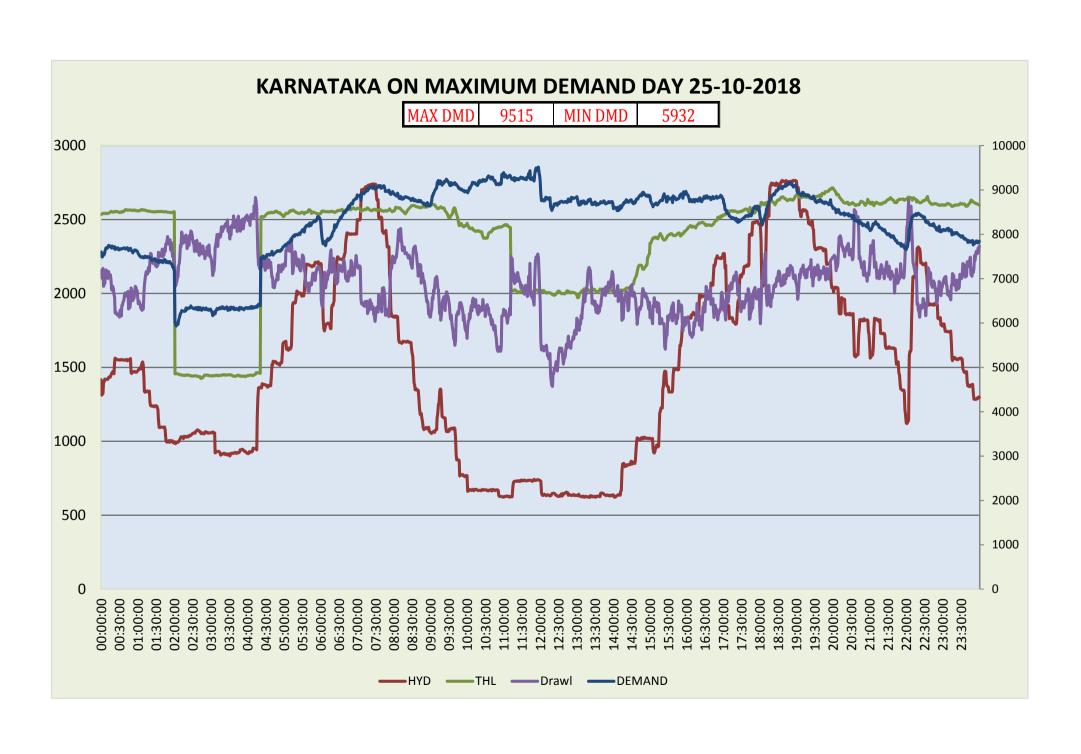
KERALA ON MAXIMUM DEMAND DAY 18-10-2018 MAX DMD 3148 1969 MIN DMD 5000 2500 4500 4000 2000 3500 3000 1500 2500 2000 1000 1500 1000 500 500 —THL —HYD —DEMAND —Drawl 0 0 03:00:00 05:00:00 00:08:60 10:30:00 11:30:00 12:30:00 16:00:00 17:00:00 18:00:00 19:00:00 22:30:00 23:00:00 23:30:00 03:30:00 04:00:00 04:30:00 05:30:00 00:00:90 07:30:00 08:00:00 08:30:00 10:00:00 14:00:00 15:30:00 16:30:00 17:30:00 18:30:00 19:30:00 20:00:00 20:30:00 21:00:00 22:00:00 00:30:00 01:00:00 01:30:00 02:00:00 02:30:00 06:30:00 07:00:00 00:00:60 11:00:00 12:00:00 13:00:00 13:30:00 14:30:00 15:00:00 21:30:00







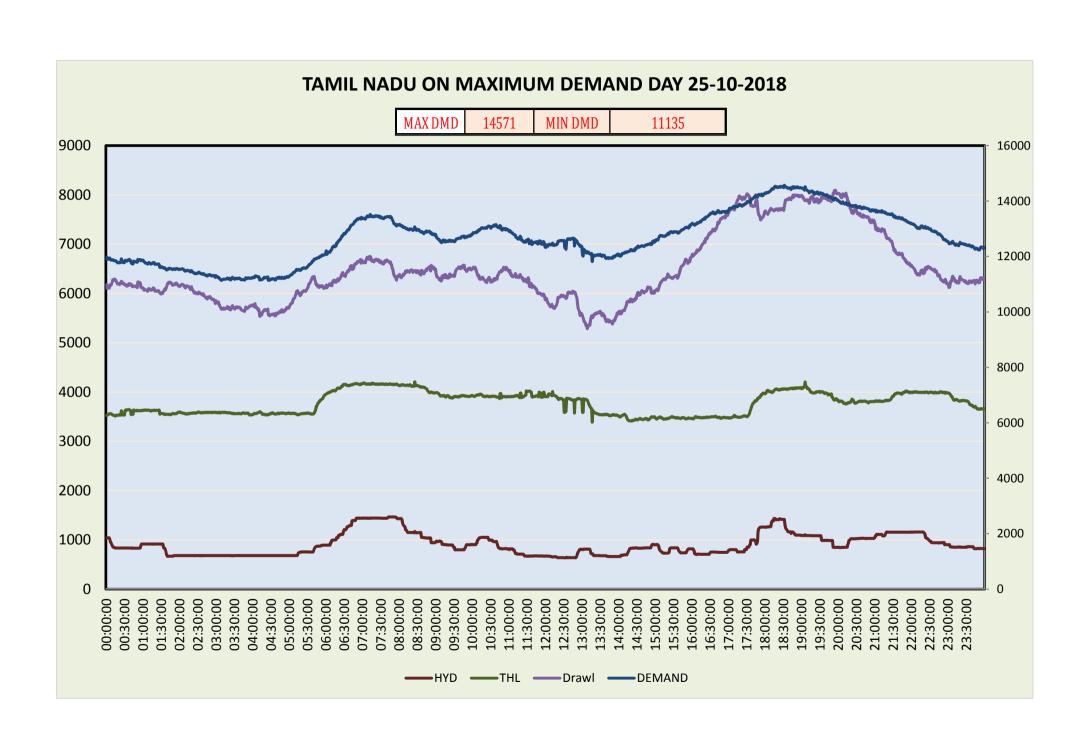


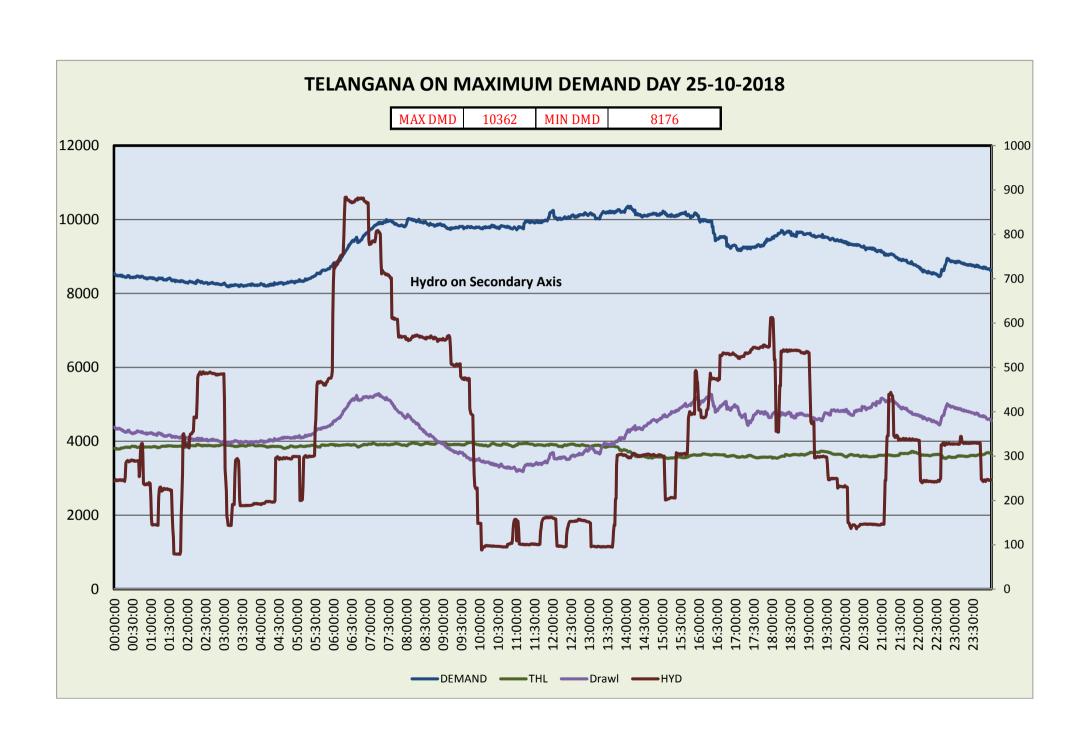


KERALA ON MAXIMUM DEMAND DAY 25-10-2018

MAX DMD 3622 MIN DMD 2376

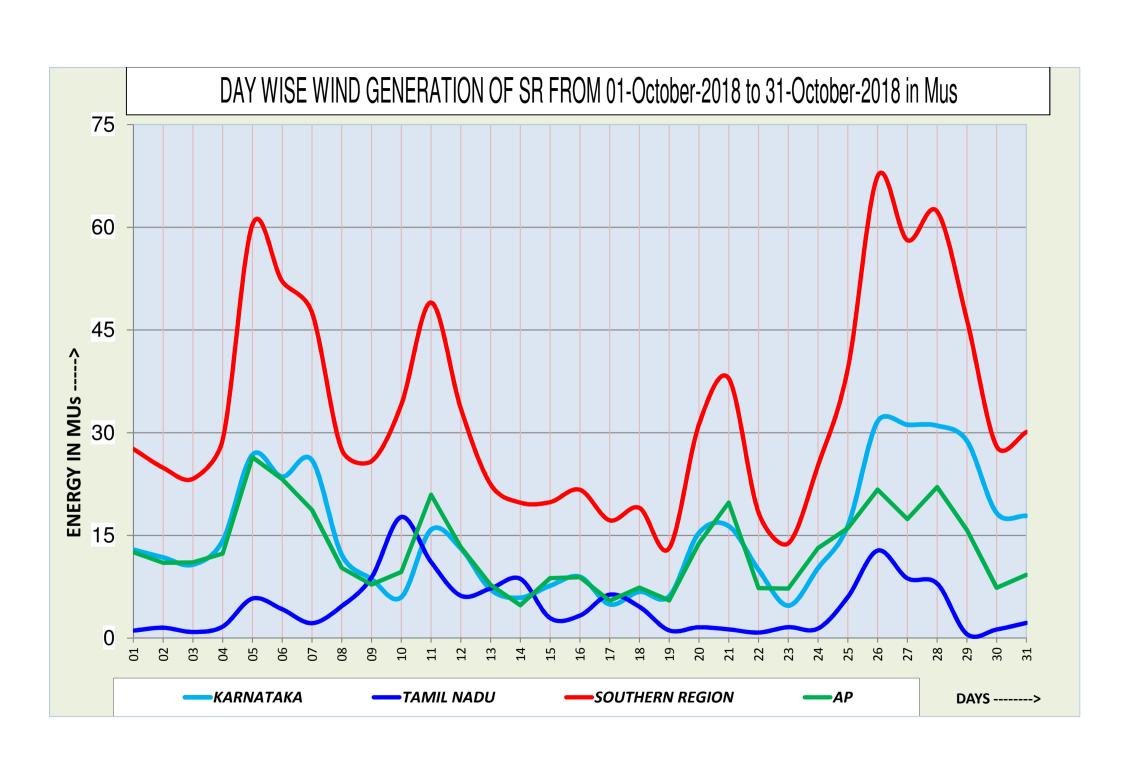






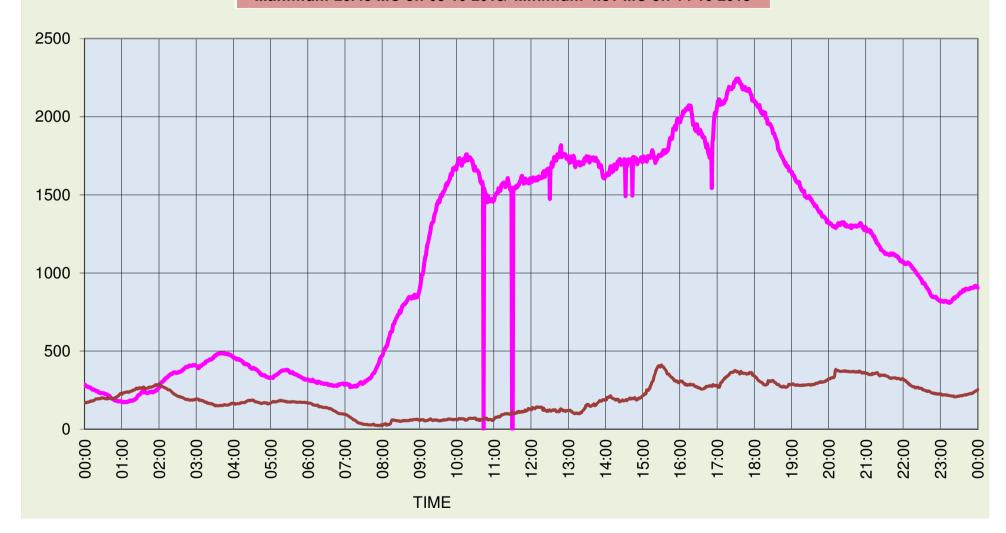
NET DRAWAL SCHEDULE AND ACTUAL DRAWAL FOR THE MONTH OF October-2018

	ANDHRA PRADESH		TELANGANA		KARNATAKA		KERALA		TAMILNADU		PONDICHERRY	
D.A.M.D.	Net	4 . 5 . 1	N . G l l	Act.	N . C l l	Act.	N . C 1 1	Act.	Net	Act.	Net	4 . 5 . 1
DATE	Schd	Act. Drawal	Net Schd					Drawal		Drawal	Schd	Act. Drawal
01-Oct-18	58.86	64.04	89.59	93.36	18.28	17.05	36.24	37.93	170.64	171.29	6.06	6.93
02-Oct-18	65.81	68.65	90.19	91.78	25.72	24.74	37.95	39.33	156.18	156.76	6.70	6.66
03-Oct-18	64.08	65.09	85.37	90.69	20.55	21.55	39.14	40.10	170.05	170.11	7.04	7.20
04-Oct-18	58.90	61.76	102.38	103.75	19.22	20.09	36.93	37.49	156.35	158.49	6.63	6.61
05-Oct-18	50.82	52.25	102.29	104.38	16.60	16.00	31.10	31.90	152.37	153.73	6.79	6.73
06-Oct-18	46.27	48.67	95.43	97.57	12.40	13.51	31.02	31.73	147.80	149.18	6.45	6.44
07-Oct-18	52.47	54.10	104.07	107.30	11.27	9.69	29.03	29.58	141.79	142.21	6.19	5.99
08-Oct-18	53.63	56.65	101.64	104.21	19.99	19.46	33.19	34.07	145.35	145.16	6.97	6.72
09-Oct-18	63.11	67.47	108.31	112.36	26.09	26.57	35.63	36.76	145.01	143.88	7.13	6.92
10-Oct-18	62.63	66.77	120.38	123.91	28.78	31.42	38.95	39.84	135.74	136.37	7.35	7.12
11-Oct-18	68.72	70.02	121.37	121.98	30.70	33.84	33.87	35.36	133.50	136.96	7.16	7.38
12-Oct-18	71.62	75.83	106.28	109.81	33.30	35.79	34.40	35.76	139.64	141.91	7.23	7.70
13-Oct-18	64.22	73.09	96.92	99.64	40.79	44.11	35.04	36.50	132.92	136.49	7.08	7.66
14-Oct-18	77.35	84.57	85.93	91.62	44.95	47.21	37.58	38.31	129.90	131.67	7.26	7.11
15-Oct-18	82.36	85.30	95.68	99.44	45.69	46.41	41.90	42.46	133.73	135.52	7.41	7.29
16-Oct-18	80.14	85.38	93.01	96.85	43.58	43.91	39.43	40.11	149.20	148.99	7.42	7.34
17-Oct-18	81.87	85.10	92.72	93.51	38.77	38.86	40.75	41.16	143.08	142.90	7.51	7.22
18-Oct-18	74.19	75.24	84.01	83.89	37.45	37.06	41.27	41.54	120.55	120.51	6.50	6.13
19-Oct-18	68.33	69.28	83.83	84.27	38.90	40.01	43.22	43.94	126.96	128.97	7.05	6.76
20-Oct-18	59.02	59.45	99.78	101.83	35.15	33.25	40.93	41.54	129.85	131.64	6.75	6.68
21-Oct-18	56.15	58.00	103.40	104.50	44.33	42.76	39.46	39.80	127.01	126.49	6.54	6.23
22-Oct-18	71.94	75.77	108.47	109.27	41.48	43.32	40.17	40.38	133.07	134.21	7.13	6.73
23-Oct-18	70.48	77.80	112.32	115.27	45.59	48.18	44.54	45.16	141.85	143.14	7.12	6.93
24-Oct-18	68.40	71.03	113.41	113.60	49.34	51.59	41.82	42.57	150.41	152.69	7.33	7.02
25-Oct-18	71.37	73.36	103.68	104.72	48.11	49.54	41.34	42.24	153.74	155.91	7.21	7.03
26-Oct-18	65.77	67.90	97.56	100.02	48.07	48.71	40.76	41.41	150.86	151.17	7.29	7.20
27-Oct-18	65.06	67.13	95.88	96.76	42.85	43.78	42.46	43.38	148.02	150.91	7.27	7.11
28-Oct-18	58.44	61.11	92.89	94.16	38.72	38.85	38.94	39.90	139.07	139.85	6.79	6.57
29-Oct-18	62.92	68.42	82.13	83.40	40.47	43.07	39.92	41.11	151.97	156.35	7.20	6.99
30-Oct-18	64.59	72.78	89.59	91.60	46.09	48.55	42.69	43.94	154.00	158.80	7.07	7.00
31-Oct-18	83.68	83.36	88.12	88.95	48.44	49.45	44.47	45.81	155.98	160.06	7.19	7.24
Total	2043.20	2145.36	3046.63	3114.38	1081.67	1108.31	1194.14	1221.11	4466.59	4512.31	216.82	214.62

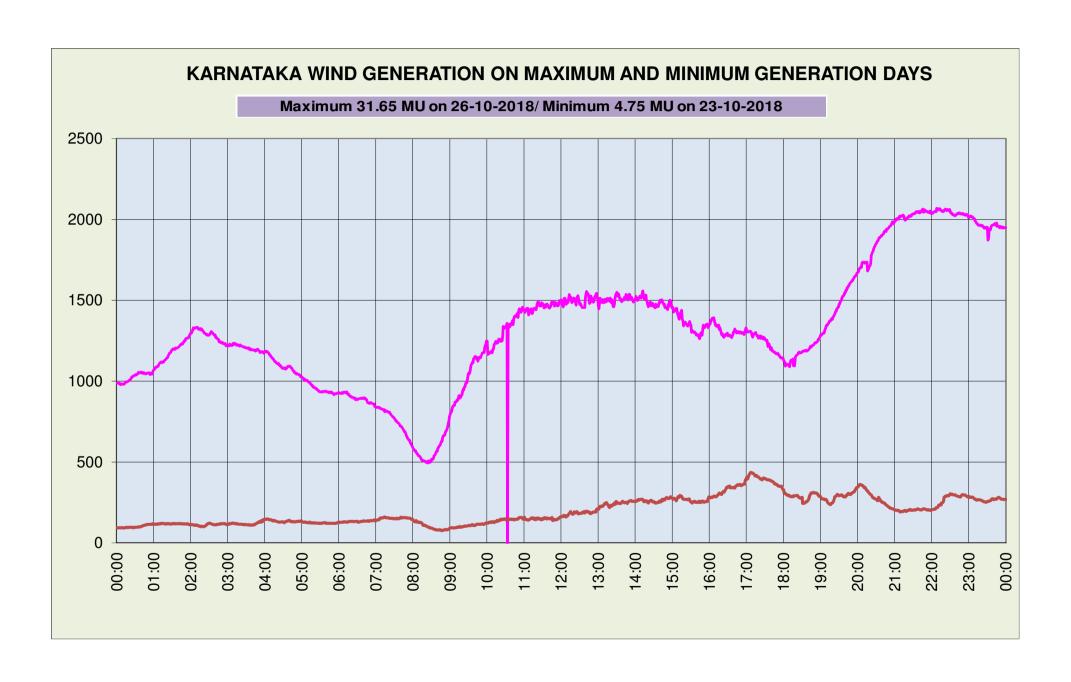


AP WIND GENERATION ON MAXIMUM AND MINIMUM GENERATION DAYS

Maximum 26.43 MU on 05-10-2018/ Minimum 4.81 MU on 14-10-2018







पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

(एक भारत सरकार का उद्यम)

POWER SYSTEM OPERATION CORPORATION LIMITED

(A Govt. of India Enterprise)

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