



KARNATAKA POWER CORPORATION LIMITED
HO-Daily Generation Report for 11/02/2018

DGR
GSR998

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Generation in MU and Gross

Id	Project	Unit MW	1	2	3	4	5	6	7	8	9	10	Daily Gen	PLF %	Monthly Gen	Monthly Target	FY Target	FY Gen	Last FY Gen	WY Gen	Last WY Gen
1	RTPS	1720	.0000	.8080	4.5580	4.5500	4.3140	4.3780	4.4740	4.9980			28.0800	68.02	304.9760	934.00	10880.00	9189.1490	9751.1900	6896.938	7779.574
2	BTPS	1700	8.5100	.0000	12.1630								20.6730	50.67	230.6780	795.00	10000.00	3054.1120	5836.7750	2469.685	4673.453
3	SGS	1035	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	7.1330	7.1330	28.72	104.1970	465.00	4737.00	2144.2920	1916.7906	1691.551	1545.882
4	NPH	900	.0000	.0000	.0000	.0000	.0000	.0000					.0000	.00	13.9980	279.00	2791.00	1253.7300	966.5400	958.998	670.570
5	VUGPH	460	.3720	.3510	.3630	.3640							1.4500	13.13	20.2590	94.00	1055.00	655.6540	607.9870	533.432	471.542
6	MGHE	139.2	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.3860			.3860	11.55	4.8320	25.00	282.00	168.8310	247.6060	123.311	140.528
7	LPH	55	.0000	.3610									.3610	27.35	5.7170	26.00	226.00	96.7150	73.3700	83.910	56.572
8	GERUSOPPA	240	.0000	.0000	.0000	.4970							.4970	8.63	9.8110	45.00	500.00	222.9841	201.2680	181.028	162.660
9	SUPA	100	.0000	.3920									.3920	16.33	2.6390	53.00	413.00	228.7000	162.9280	173.327	116.834
10	KODSALLI	120	.0000	.0000	.0000								.0000	.00	1.3355	27.00	344.00	143.9467	113.4008	116.507	86.061
11	KADRA	150	.0000	.0000	.0000								.0000	.00	1.3716	22.00	366.00	174.2637	142.8276	152.968	120.166
12	MANI	9	.0702	.0580									.1282	59.35	.9759	3.00	24.00	14.5831	12.3924	12.419	9.742
13	ALAMATTI	290	.0000	.0000	.0000	.0000	.0000	.0000					.0000	.00	12.4163	18.00	486.00	425.2746	393.6787	425.275	393.525
14	GHATPRABA	32	.0000	.5472									.5472	71.25	2.3352	6.00	84.00	35.1998	40.6890	29.545	38.426
15	BHADRA	39.2	.0000	.0000	.0000	.0000	.1510						.1510	16.05	1.7050	8.00	61.00	9.6845	20.0920	9.685	18.023
16	MUNIRABAD	38	.0000	.0000	.0000	.1300							.1300	14.25	1.8423	6.00	92.00	47.8702	29.6756	47.870	29.676
17	SHIVA	42	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.2960	.2960	29.37	1.9565	14.00	250.00	161.7939	143.8041	158.196	132.151
18	SHIMSHA	17.2	.0000	.0000									.0000	.00	.0000	2.00	58.00	30.1989	33.9509	30.175	32.893
19	MALLAPUR	9	.0000	.0000									.0000	.00	.0000	.00	.00	.0000	.0000	.000	.000
20	SIRWAR	1	.0000										.0000	.00	.0000	.00	.00	.0000	.0000	.000	.000
21	KALMALA	.4	.0000										.0000	.00	.0000	.00	.00	.0000	.0000	.000	.000
22	GANEKAL	.35	.0000										.0000	.00	.0000	.00	.00	.0000	.0000	.000	.000
23	YELAHANKA	108	.0000	.0000	.0000	.0000	.0000	.0000					.0000	.00	.0000	.00	.00	.0000	.0000	.000	.000
24	KG-WEF	4.56	.0000	.0000									.0000	.00	.0780	.50	8.95	7.1071	7.4169	5.992	6.457
25	YEL-SOLAR-3	3	.0126										.0126	17.50	.1181	.41	4.76	3.1860	3.5358	2.429	2.869
26	ITN-SOLAR-3	3	.0092										.0092	12.78	.0996	.40	4.62	2.7467	3.2715	2.003	2.548
27	YAP-SOLAR-3	3	.0035										.0035	4.86	.0532	.30	3.20	1.5101	1.6913	1.080	1.324
28	SH-SOLAR -5	5	.0167										.0167	13.92	.1884	.70	8.35	5.0644	5.5941	3.814	4.464
29	SH-SOLAR -10	10	.0501										.0501	20.88	.5513	1.50	18.14	13.4514	13.8982	10.479	11.051
30	YTPS	1600	.0000	.0000									.0000	.00	.0000	307.00	4000.00	643.3000	59.3810	536.127	59.381
31	MALPRABHA	2.4	.0000	.0000									.0000	.00	.0000		.00	.0000	.0000	.000	.000
32	CHANDAPUR	10	.0480										.0480	20.00	.5246		.00	1.8553	.0000	1.855	.000
Total MW		8846.31											60.3645		722.6584	3132.8100	36697.0200	18735.2034	20789.7545	14658.5987	16566.3692

Day Peak	8970 MW	TB Share	.1500	.8890
Evening Peak	8237 MW	Jurala Share	.0000	.0000
Max.Frequency	50.12 Hz	State Import	136.7527	1600.5594
Min.Frequency	49.93 Hz	State Consumption	193.7527	2282.0745
FY(Fin Year):From 01-04-20XX to 31-03-20XX, WY(Water Year):From 01-06-20XX to 31-05-20XX				



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Hydrological Data @ 08.00 AM on 12/02/2018

Id	Reservoir	Gross Cap(MCft)	Live Cap(MCft)	FRL	MDDL	Present Year : Capacity				Last Year : Capacity			
						Level	Cap.(MCft)	Cap.(%)	Eq. Energy(MU)	Level	Cap.(MCft)	Cap.(%)	Eq. Energy(MU)
1	Linganamakki Dam	156610	151749	1819 ft	1715 ft	1783.35 ft	60490	39.86	1817	1781.6 ft	57397	37.82	1724
2	Talakalale Dam	486	486	1695 ft	1690 ft	1694.7 ft	456	93.83		1694.8 ft	456	93.83	
3	Gerusoppa Dam	4459	4459	55 m	43.7 m	53.34 m	4123.8	92.48		52.94 m	4045.4	90.72	
4	Supa Dam	147530	145329	564 m	494 m	544.21 m	73530	50.60	1598	542.74 m	69412	47.76	1509
5	BP Dam	3420	2963	438.38 m	429.24 m	435.38 m	1464	49.41		435.7 m	1589	53.63	
6	Tattihalla Dam	9320	8802	468.3 m	449.58 m	449.59 m	1	.01		449.59 m	1	.01	
7	Kodasalli Dam	10120	6315	75.5 m	62.5 m	71.45 m	3998	63.31		71.8 m	4185	66.27	
8	Kadra Dam	13730	7383	34.5 m	27 m	30.74 m	3176	43.02		30.7 m	3176	43.02	
9	Mani Dam	33960	31130	594.36 m	565.1 m	582.14 m	12208	39.22	382	582.26 m	12348	39.67	386

Energy Content : Present year

3796

Energy Content : Last year

3618

Energy Content Available as on Date compared to Last Year(YoY)

178 MU

Hydrological Data @ 08.00 AM on 12/02/2018

Id	Reservoir	Present Year: Inflow(MCft)			Last Year: Inflow(MCft)			Present Year: Discharge(MCft)			Last Year: Discharge(MCft)			Inflow in cusecs	
		Day	Month	WY	Day	Month	WY	Day	Month	WY	Day	Month	WY	Day	LY- Day
1	Linganamakki Dam	18	299	105845	11	172	75876	220	3990	50241	448	4745	40619	208	122
2	Talakalale Dam														
3	Gerusoppa Dam	242	3552	68408	405	4413	62412	208	3465	67560	393	4411	61507		
4	Supa Dam		29	68507	4	381	65845	78	667	36884	195	2935	84669		41
5	BP Dam	102	738	94892	212	44847	152153	24	742	129721	173	42310	158412		
6	Tattihalla Dam			1155			1021			2792			1025		
7	Kodasalli Dam	6	652	52990	131	2610	44269	6	652	52637	158	2054	43254		
8	Kadra Dam	3	616	80556	150	1923	67501	13	770	75797	53	1110	67102		
9	Mani Dam	16	50	18604			15900	110	900	12096	62	423	8089	191	

FY(Fin Year):From 01-04-20XX to 31-03-20XX, WY(Water Year):From 01-06-20XX to 31-05-20XX



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Generation Data Abstract		All data in gross and MU					
Sl no	Source	Projects	IC (MW)	Day	Month	Fin Year	Fin Year : Target
1	THERMAL	RTPS+BTPS+YTTPS	5020.00	48.7530	535.6540	12886.5610	24880.0000
2	MAJOR HYDRO	SGS+NPH+VUGPH	2395.00	8.5830	138.4540	4053.6760	8583.0000
3	MINOR HYDRO		1271.60	2.8884	46.9373	1760.0455	3186.0000
4	SOLAR		34.00	.1401	1.5352	27.8138	39.0700
5	WIND		4.56	.0000	.0780	7.1071	8.9500
6	MINI HYDEL		13.15	.0000	.0000	.0000	.0000
7	DIESEL		108.00	.0000	.0000	.0000	.0000
100	HO			.0000	.0000	.0000	
Total			8846.31	60.3645	722.6584	18735.2034	36697.0200

Cumulative PLF (%)	Daily	Monthly	Yearly
RTPS Unit 1 to 7	65.43	64.41	68.14
RTPS Unit 8	83.30	83.35	82.49
BTPS Unit 1	70.92	72.23	27.06
BTPS Unit 2	.00	.00	41.01

Unit Outage Data			
Pr Id	Project	Unit	Reason
1	RTPS	1	Turbine vibration problem - on 17.11.2017 @ 22:00 hrs
2	BTPS	2	Taken out on 26.01.2018 at 23:42 hrs for stabilizing Unit-3
30	YTTPS	2	Tripped on 25.01.2018 @ 05:06 Hrs due to NLD