



## HO-Daily Generation Report for 10/01/2018

GSR998

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	.0000	4.7140	4.7400	4.5780	.0000	4.6320	5.3040			23.9680	58.06	239.3820	929.00	10880.00	8307.4930	8686.1360	6015.282	6714.520
2	BTPS	1700	.0000	9.4240	.0000								9.4240	23.10	109.9880	881.00	10000.00	2453.5400	5204.0870	1869.113	4040.765
3	SGS	1035	8.2610	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	8.2610	33.26	90.6520	460.00	4737.00	1778.9710	1551.7596	1326.230	1180.851
4	NPH	900	.0000	.0000	.1160	.7160	.6280	.0000					1.4600	6.76	30.4240	254.00	2791.00	1157.2000	863.9100	862.468	567.940
5	VUGPH	460	.4350	.4370	.4270	.4420							1.7410	15.77	16.3930	85.00	1055.00	573.8090	560.5760	451.587	424.131
6	MGHE	139.2	.4030	.0000	.0000	.0000	.0000	.0000	.0000	.0000			.4030	12.06	4.4310	24.00	282.00	153.6210	232.5890	108.101	125.511
7	LPH	55	.3910	.0000									.3910	29.62	5.3040	27.00	226.00	76.5820	54.4720	63.777	37.674
8	GERUSOPPA	240	.9350	.0000	.0000	.0000							.9350	16.23	8.4030	43.00	500.00	188.6741	168.4580	146.718	129.850
9	SUPA	100	.0000	.0000									.0000	.00	6.1390	51.00	413.00	206.9370	141.0220	151.564	94.928
10	KODSALLI	120	.0000	.0000	.0000								.0000	.00	.6196	24.00	344.00	134.0792	106.4117	106.640	79.071
11	KADRA	150	.0000	.0000	.1610								.1610	4.47	.2827	20.00	366.00	166.4121	138.6298	145.116	115.968
12	MANI	9	.0000	.0000									.0000	.00	.7809	3.00	24.00	11.2201	10.5083	9.056	7.858
13	ALAMATTI	290	.0000	.4086	.5355	.0000	.0000	.0000					.9441	13.56	5.8041	28.00	486.00	401.6993	371.9040	401.699	371.750
14	Ghatpraba	32	.3060	.3264									.6324	82.34	5.9016	12.00	84.00	26.6966	35.0180	21.042	32.755
15	BHADRA	39.2	.1450	.0000	.0000	.0000	.0000						.1450	15.41	.7840	7.00	61.00	3.5180	17.8450	3.518	15.776
16	MUNIRABAD	38	.1860	.0000	.0000	.0000							.1860	20.39	1.6291	9.00	92.00	42.1541	29.6756	42.154	29.676
17	SHIVA	42	.0388	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0388	3.85	4.6272	19.00	250.00	156.3881	142.6748	152.790	131.021
18	SHIMSHA	17.2	.0000	.0000									.0000	.00	.0000	5.00	58.00	29.5699	33.9509	29.546	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	.0207									.0207	18.94	.0833	.41	8.95	6.8285	6.9994	5.713	6.039
25	YEL-SOLAR-3	3	.0082										.0082	11.39	.1060	.44	4.76	2.8273	3.1376	2.070	2.471
26	ITN-SOLAR-3	3	.0091										.0091	12.64	.0818	.42	4.62	2.4454	2.7994	1.702	2.076
27	YAP-SOLAR-3	3	.0044										.0044	6.11	.0401	.30	3.20	1.3597	1.5034	.929	1.136
28	SH-SOLAR -5	5	.0110										.0110	9.17	.1536	.75	8.35	4.4982	4.9850	3.248	3.855
29	SH-SOLAR -10	10	.0325										.0325	13.54	.4304	1.60	18.14	11.9198	12.3246	8.947	9.477
30	YTPS	1600	9.8020	.0000									9.8020	25.53	96.2730	339.00	4000.00	571.8520	59.3810	464.679	59.381
31	MALPRABHA	2.4	.0000	.0000									.0000	.00	.0000	1.00	1.00	.0000	.0000	.000	.000
32	CHANDAPUR	10	.0427										.0427	17.79	.2883	1.00	1.00	.2883	.0000	.288	.000
Total MW		8846.31											58.6208		629.0017	3225.9200	36699.0200	16470.5839	18440.7580	12393.9792	14217.3727

Day Peak	9831 MW	TB Share	.1250	1.0608
Evening Peak	9293 MW	Jurala Share	.0000	.0000
Max.Frequency	50.12 Hz	State Import	151.7718	1448.5904
Min.Frequency	49.92 Hz	State Consumption	206.7011	2044.8490



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**Hydrological Data @ 08.00 AM on 11/01/2018**

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	<b>Linganamakki Dam</b>	156610	151749	1819 ft	1715 ft	1790.05 ft	73307	48.31	<b>2201</b>	1788.9 ft	70947	46.75	<b>2131</b>
2	Talakalale Dam	486	486	1695 ft	1690 ft	1694 ft	386	79.42		1695.0 ft	476	97.94	
3	Gerusoppa Dam	4459	4459	55 m	43.7 m	53.13 m	4084.6	91.60		51.02 m	3671	82.33	
4	<b>Supa Dam</b>	147530	145329	564 m	494 m	545.67 m	77785	53.52	<b>1691</b>	544.31 m	73812	50.79	<b>1605</b>
5	BP Dam	3420	2963	438.38 m	429.24 m	435.08 m	1347	45.46		435.58 m	1542	52.04	
6	Tattihalla Dam	9320	8802	468.3 m	449.58 m	450.23 m	94	1.07		449.59 m	1	.01	
7	Kodasalli Dam	10120	6315	75.5 m	62.5 m	71.75 m	4158	65.84		69.7 m	3093	48.98	
8	Kadra Dam	13730	7383	34.5 m	27 m	30.7 m	3176	43.02		30.05 m	2500	33.86	
9	<b>Mani Dam</b>	33960	31130	594.36 m	565.1 m	584.58 m	15198	48.82	<b>475</b>	583.71 m	14090	45.26	<b>440</b>

Energy Content : Present year

**4367**

Energy Content : Last year

**4175**

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

**192 MU**

**Hydrological Data @ 08.00 AM on 11/01/2018**

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	<b>Linganamakki Dam</b>	58	397	104880		144	75571	246	3464	37590	2026	4378	28846	<b>674</b>	
2	Talakalale Dam														
3	Gerusoppa Dam	291	3114	56994	2408	4574	50900	293	3021	56188	2474	4618	50158		
4	<b>Supa Dam</b>		94	68368		78	65432		1316	32771	7	1366	80197		
5	BP Dam		1424	90142	7	1455	105634	99	1539	50777	5	1511	114425		
6	Tattihalla Dam			1155			1021		63	2712			1025		
7	Kodasalli Dam	80	1417	48702	2199	3548	40117		279	48189	760	2134	40143		
8	Kadra Dam	35	388	76478	561	1949	64716	83	145	71749	1121	2183	64944		
9	<b>Mani Dam</b>	13	58	18436		4	15899		639	9414		297	6128	<b>150</b>	

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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Cumulative PLF (%)	Daily	Monthly	Yearly
RTPS Unit 1 to 7	52.90	51.32	68.42
RTPS Unit 8	88.40	97.21	83.53
BTPS Unit 1	.00	.00	23.10
BTPS Unit 2	78.53	91.66	40.81

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+YTPS	5020.00	43.1940	445.6430	11332.8850	24880.0000
2	MAJOR HYDRO	SGS+NPH+VUGPH	2395.00	11.4620	137.4690	3509.9800	8583.0000
3	MINOR HYDRO		1271.60	3.8363	44.7062	1597.5515	3186.0000
4	SOLAR		34.00	.1079	1.1002	23.3388	40.0700
5	WIND		4.56	.0207	.0833	6.8285	8.9500
6	MINI HYDEL		13.15	.0000	.0000	.0000	1.0000
7	DIESEL		108.00	.0000	.0000	.0000	.0000
100	HO			.0000	.0000	.0000	
<b>Total</b>			<b>8846.31</b>	<b>58.6208</b>	<b>629.0017</b>	<b>16470.5839</b>	<b>36699.0200</b>

## Unit Outage Data

Pr Id	Project	Unit	Reason
1	RTPS	1	Turbine vibration problem - on 17.11.2017 @ 22:00 hrs
1	RTPS	2	Tripped for AOH and R&M works on 10.09.2017
1	RTPS	6	Tripped on 17.12.2017 at 12:21hrs due to NLD
2	BTPS	1	Tripped on 13.12.2017 at 11:51hrs due to GT side problem
2	BTPS	3	Tripped on 29.11.2017 at 15:34hrs due to coal shortage