



HO-Daily Generation Report for 05/12/2017

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	4.9440	4.9600	3.1820	4.8420	3.8860	5.6680			27.4820	66.57	140.1920	907.00	10880.00	7444.4750	7303.1240	5152.264	5331.508
2	BTPS	1700	11.5600	.0000									11.5600	28.33	53.5100	881.00	10000.00	2073.0720	4452.3640	1488.645	3289.042
3	SGS	1035	1.1120	1.1060	1.1120	1.1120	1.0720	1.0980	.0000	.0000	1.1120	1.1080	8.8320	35.56	26.4860	405.00	4737.00	1484.1230	1328.1536	1031.382	957.245
4	NPH	900	.0000	.8800	.5840	.7900	.9320	1.0820					4.2680	19.76	9.9220	237.00	2791.00	1030.6000	766.2160	735.868	470.246
5	VUGPH	460	.4680	.4630	.4180	.4730							1.8220	16.50	6.9680	70.00	1055.00	513.6230	524.3210	391.401	387.876
6	MGHE	139.2	.0000	.0000	.0000	.0010	.2010	.2100	.0020	.0000			.4140	12.39	1.9940	22.00	282.00	138.0030	217.6890	92.483	110.611
7	LPH	55	.0000	.5220									.5220	39.55	1.5450	24.00	226.00	59.1960	43.1430	46.391	26.345
8	GERUSOPPA	240	.0330	.2020	.1790	.0790							.4930	8.56	1.7740	34.00	500.00	162.8611	149.2520	120.905	110.644
9	SUPA	100	1.5000	.0000									1.5000	62.50	2.3890	48.00	413.00	182.6080	119.7380	127.235	73.644
10	KODSALLI	120	.1223	.1132	.0000								.2355	8.13	1.1893	24.00	344.00	126.2180	99.1683	98.778	71.828
11	KADRA	150	.1486	.0000	.0138								.1624	4.51	.3326	21.00	366.00	159.4441	132.0028	138.148	109.341
12	MANI	9	.0000	.0000									.0000	.00	.0026	3.00	24.00	8.5373	9.1421	6.373	6.491
13	ALAMATTI	290	.0000	.0000	.0000	.0000	.0000	.0000					.0000	.00	.0000	29.00	486.00	373.5672	341.9374	373.567	341.784
14	GHATPRABA	32	.3050	.3200									.6250	81.38	3.2050	14.00	84.00	17.7650	25.1760	12.110	22.913
15	BHADRA	39.2	.0000	.0000	.0000	.0000	.0000						.0000	.00	.0000	.00	61.00	2.7340	17.8450	2.734	15.776
16	MUNIRABAD	28	.2990	.0000	.0000								.2990	44.49	1.3810	8.00	92.00	35.2120	29.6756	35.212	29.676
17	SHIVA	42	1.1293	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	1.1293	112.03	5.9590	30.00	250.00	133.7944	137.0838	130.197	125.430
18	SHIMSHA	17.2	.0000	.0000									.0000	.00	.0000	7.00	58.00	29.5699	33.3629	29.546	32.305
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	.0102									.0102	9.33	.1073	.58	8.95	6.3229	6.4189	5.208	5.459
25	YEL-SOLAR-3	3	.0062										.0062	8.61	.0204	.29	4.76	2.4817	2.7166	1.725	2.050
26	ITN-SOLAR-3	3	.0052										.0052	7.22	.0327	.43	4.62	2.1454	2.4179	1.402	1.694
27	YAP-SOLAR-3	3	.0040										.0040	5.56	.0211	.28	3.20	1.2211	1.2975	.791	.930
28	SH-SOLAR -5	5	.0127										.0127	10.58	.0568	.65	8.35	3.9435	4.3322	2.693	3.202
29	SH-SOLAR -10	10	.0367										.0367	15.29	.1621	1.50	18.14	10.3766	10.6585	7.404	7.811
30	YTPS	1600	.0000	.0000									.0000	.00	.0000	339.00	4000.00	311.6310	19.8940	204.458	19.894
Total MW		8823.91											59.4192		257.2500	3106.7300	36697.0200	14313.5252	15777.1300	10236.9204	11553.7447

Day Peak	9116 MW	TB Share	.0755	.4435
Evening Peak	8686 MW	Jurala Share	.0280	.5480
Max.Frequency	50.15 Hz	State Import	133.4017	673.7197
Min.Frequency	49.87 Hz	State Consumption	189.6644	915.1877

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



Hydrological Data @ 08.00 AM on 06/12/2017

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	1795.25 ft	84594	55.75	2540	1792.8 ft	79139	52.15	2377
2	Talakalale Dam	486	486	1695 ft	1690 ft	1694.8 ft	466	95.88		1694.5 ft	426	87.65	
3	Gerusoppa Dam	4459	4459	55 m	43.7 m	51.71 m	3809.2	85.43		50.71 m	3612.2	81.01	
4	Supa Dam	147530	145329	564 m	494 m	547.43 m	83167	57.23	1808	545.73 m	77965	53.65	1695
5	BP Dam	3420	2963	438.38 m	429.24 m	435.97 m	1694	57.17		435.55 m	1531	51.67	
6	Tattihalla Dam	9320	8802	468.3 m	449.58 m	451.88 m	383	4.35		449.59 m	1	.01	
7	Kodasalli Dam	10120	6315	75.5 m	62.5 m	69.2 m	2846	45.07		68.1 m	2320	36.74	
8	Kadra Dam	13730	7383	34.5 m	27 m	30.45 m	2886	39.09		29.9 m	2408.6	32.62	
9	Mani Dam	33960	31130	594.36 m	565.1 m	586.3 m	17530	56.31	548	584.6 m	15224	48.90	476

Energy Content : Present year **4896** Energy Content : Last year **4547**

Energy Content Available as on Date compared to Last Year(YoY) **349** MU

Hydrological Data @ 08.00 AM on 06/12/2017

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		68	103805		28	75027	319	1155	27669		744	20202		
2	Talakalale Dam														
3	Gerusoppa Dam	281	1043	47748	98	851	41963	189	682	47522	29	1087	40669		
4	Supa Dam	16	160	67868		52	65265	299	537	27740		172	17224	190	
5	BP Dam	324	590	84486	14	205	21896	238	578	44893	14	436	21132		
6	Tattihalla Dam			1155			1021	8	32	2473			1025		
7	Kodasalli Dam	223	556	43335	8	304	34087	125	654	44581	32	303	36147		
8	Kadra Dam	102	729	72874	18	444	60954	102	203	68194	18	227	60914		
9	Mani Dam	14	39	18292		28	15857		96	7529	66	226	5097	165	

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



HO-Daily Generation Report for 05/12/2017

Cumulative PLF (%)	Daily	Monthly	Yearly
RTPS Unit 1 to 7	61.83	64.04	70.79
RTPS Unit 8	94.47	90.73	82.06
BTPS Unit 1	96.33	89.18	24.08
BTPS Unit 2	.00	.00	36.34

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	39.0420	193.7020	9829.1780	24880.0000
2	MAJOR HYDRO	SGS+NPH+VUGPH	2395.00	14.9220	43.3760	3028.3460	8583.0000
3	MINOR HYDRO		1261.60	5.3802	19.7715	1429.5100	3186.0000
4	SOLAR		24.00	.0648	.2932	20.1683	39.0700
5	WIND		4.56	.0102	.1073	6.3229	8.9500
6	MINI HYDEL		10.75	.0000	.0000	.0000	.0000
7	DIESEL		108.00	.0000	.0000	.0000	.0000
100	HO			.0000	.0000	.0000	
Total			8823.91	59.4192	257.2500	14313.5252	36697.0200

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 @00:27Hrs