



HO-Daily Generation Report for 20/11/2016

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 | 4.5440 | 4.5760 | 4.5440 | 4.6680 | 4.4700 | 4.4380 | 4.5500 | 5.3440 | | | 37.1340 | 89.96 | 789.5160 | 869.76 | 11024.96 | 6753.4880 | 7340.1110 | 4781.872 | 5123.268 |
| 2 | BTPS | 1700 | 10.4800 | 11.5160 | 9.2650 | | | | | | | | 31.2610 | 76.62 | 481.6670 | 613.00 | 7630.00 | 4123.7100 | 3598.4800 | 2960.388 | 2537.230 |
| 3 | SGS | 1035 | .7840 | .0000 | .7850 | .0000 | .0000 | .8970 | .9270 | .0000 | .0000 | .0000 | 3.3930 | 13.66 | 123.4210 | 437.72 | 4706.02 | 1252.5714 | 2022.0264 | 886.109 | 1224.107 |
| 4 | NPH | 900 | .6780 | .0000 | .0000 | .0000 | .6480 | .5780 | | | | | 1.9040 | 8.81 | 62.0760 | 219.01 | 2543.17 | 745.3380 | 1405.3380 | 449.368 | 958.676 |
| 5 | VUGPH | 460 | .3550 | .0000 | .0000 | .4070 | | | | | | | .7620 | 6.90 | 23.8650 | 91.56 | 1072.76 | 505.2280 | 475.2264 | 373.814 | 343.618 |
| 6 | MGHE | 139.2 | .1200 | .0050 | .0080 | .0090 | .0660 | .0840 | .0000 | .1560 | | | .4480 | 13.41 | 8.4960 | 15.00 | 182.50 | 209.3611 | 194.9528 | 104.136 | 130.706 |
| 7 | LPH | 55 | .0000 | .0000 | | | | | | | | | .0000 | .00 | 5.0560 | 26.50 | 247.77 | 40.3060 | 72.4080 | 23.781 | 43.378 |
| 8 | GERUSOPPA | 240 | .0000 | .0000 | .0000 | .0000 | | | | | | | .0000 | .00 | 9.3030 | 45.96 | 532.79 | 138.5450 | 208.9930 | 101.782 | 133.732 |
| 9 | SPH | 100 | .0000 | .0000 | | | | | | | | | .0000 | .00 | 10.8170 | 42.94 | 410.30 | 115.1920 | 234.1270 | 69.098 | 157.357 |
| 10 | KODSALLI | 120 | .0000 | .0000 | .1185 | | | | | | | | .1185 | 4.09 | 5.1729 | 25.77 | 328.83 | 98.3375 | 156.4251 | 70.997 | 115.799 |
| 11 | KADRA | 150 | .0000 | .0000 | .0000 | | | | | | | | .0000 | .00 | 6.0689 | 22.59 | 358.85 | 133.0606 | 185.8705 | 110.399 | 151.949 |
| 12 | MDPH | 9 | .0016 | .0000 | | | | | | | | | .0016 | .74 | .9380 | 3.30 | 26.04 | 8.3436 | 8.6959 | 5.783 | 5.234 |
| 13 | ADPH | 290 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | | | | | .0000 | .00 | 16.9295 | 34.60 | 529.02 | 322.3857 | 135.1617 | 322.232 | 134.343 |
| 14 | GDPH | 32 | .3310 | .3520 | | | | | | | | | .6830 | 88.93 | 11.7910 | 14.94 | 92.60 | 20.7630 | 19.0284 | 18.500 | 11.091 |
| 15 | BGS | 39.2 | .0000 | .0000 | .0000 | .0000 | .0000 | | | | | | .0000 | .00 | 2.4240 | 4.87 | 65.79 | 17.4802 | 30.0940 | 15.411 | 25.274 |
| 16 | MBDPH | 28 | .0000 | .0000 | .0000 | | | | | | | | .0000 | .00 | .9106 | 11.48 | 99.73 | 30.5926 | 50.3360 | 30.593 | 50.336 |
| 17 | SHIVA | 42 | .0370 | .0000 | .0000 | .0000 | .0000 | .0000 | .1421 | .0116 | .1238 | .0000 | .3145 | 31.20 | 9.9864 | 29.63 | 258.43 | 130.9572 | 165.8659 | 122.437 | 130.853 |
| 18 | SHIMSHA | 17.2 | .0000 | .1920 | | | | | | | | | .1920 | 46.51 | 2.3060 | 7.93 | 55.46 | 30.6048 | 47.9856 | 29.681 | 43.512 |
| 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 | YELHANKA | 108 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | | | | | .0000 | .00 | .0000 | .00 | .00 | .0000 | .0000 | .000 | .000 |
| 24 | KG-WEF | 4.56 | .0000 | .0153 | | | | | | | | | .0153 | 14.00 | .3694 | .82 | 13.33 | 6.1210 | 5.7002 | 5.161 | 4.702 |
| 25 | YEL-SOLAR-3 | 3 | .0146 | | | | | | | | | | .0146 | 20.28 | .2424 | .37 | 4.64 | 2.5598 | 2.3775 | 1.893 | 1.616 |
| 26 | ITN-SOLAR-3 | 3 | .0119 | | | | | | | | | | .0119 | 16.53 | .2109 | .31 | 3.44 | 2.2522 | 2.0776 | 1.529 | 1.372 |
| 27 | YAP-SOLAR-3 | 3 | .0056 | | | | | | | | | | .0056 | 7.78 | .0941 | .29 | 3.03 | 1.2185 | 1.5317 | .851 | 1.010 |
| 28 | SH-SOLAR -5 | 5 | .0203 | | | | | | | | | | .0203 | 16.92 | .3687 | .60 | 7.35 | 4.0378 | 4.0337 | 2.907 | 2.797 |
| 29 | SH-SOLAR -10 | 10 | .0512 | | | | | | | | | | .0512 | 21.33 | .9213 | 1.10 | 14.57 | 10.0910 | 5.7403 | 7.243 | 5.740 |
| 30 | YTPS | 800 | .0000 | | | | | | | | | | .0000 | .00 | .0000 | 200.80 | 2100.00 | 14.3370 | .0000 | 14.337 | .000 |
| Total MW | | 8023.91 | | | | | | | | | | | 76.3305 | | 1572.9510 | 2720.8500 | 32311.3780 | 14716.8819 | 16372.5867 | 10510.3017 | 11337.7003 |

| | | | | |
|---------------|----------|-------------------|----------|-----------|
| Day Peak | 8855 MW | TB Share | .0750 | 2.2630 |
| Evening Peak | 8553 MW | Jurala Share | .0000 | .0000 |
| Max.Frequency | 50.14 Hz | State Import | 118.1186 | 2506.5623 |
| Min.Frequency | 49.81 Hz | State Consumption | 189.3451 | 3982.5328 |

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 21/11/2016

| 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 | 1793.2 ft | 80111 | 52.79 | 2406 | 1793.2 ft | 80111 | 52.79 | 2406 |
| 2 | Talakalale Dam | 486 | 486 | 1695 ft | 1690 ft | 1694.95 ft | 476 | 97.94 | | 1694.8 ft | 456 | 93.83 | |
| 3 | Gerusoppa Dam | 4459 | 4459 | 55 m | 43.7 m | 52.6 m | 3986.6 | 89.41 | | 49.11 m | 3321 | 74.48 | |
| 4 | Supa Dam | 147530 | 145329 | 564 m | 494 m | 545.96 m | 78650 | 54.12 | 1710 | 540.85 m | 64373 | 44.29 | 1399 |
| 5 | BP Dam | 3420 | 2963 | 438.38 m | 429.24 m | 435.31 m | 1437 | 48.50 | | 436.52 m | 1948 | 65.74 | |
| 6 | Tattihalla Dam | 9320 | 8802 | 468.3 m | 449.58 m | 449.59 m | 1 | .01 | | 451.04 m | 226 | 2.57 | |
| 7 | Kodasalli Dam | 10120 | 6315 | 75.5 m | 62.5 m | 68.2 m | 2366 | 37.47 | | 65.45 m | 1143.8 | 18.11 | |
| 8 | Kadra Dam | 13730 | 7383 | 34.5 m | 27 m | 29.4 m | 1955.2 | 26.48 | | 29.3 m | 1867.4 | 25.29 | |
| 9 | Mani Dam | 33960 | 31130 | 594.36 m | 565.1 m | 584.97 m | 15704 | 50.45 | 491 | 587.16 m | 18765 | 60.28 | 586 |

Energy Content : Present year

4606

Energy Content : Last year

4392

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

215 MU

Hydrological Data @ 08.00 AM on 21/11/2016

| 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 | 20 | 444 | 74796 | 10 | 1056 | 90391 | | | | | | | 237 | 120 |
| 2 | Talakalale Dam | | | | | | | | | | | | | | |
| 3 | Gerusoppa Dam | 94 | 3898 | 39991 | | 36984 | 36984 | | | 3268 | 38429 | | | | |
| 4 | Supa Dam | 30 | 591 | 65041 | | 350 | 52480 | | | 2323 | 16350 | | 39 | 34308 | 347 |
| 5 | BP Dam | 2 | 2535 | 20894 | 10 | 220 | 45074 | 88 | | 2856 | 20231 | | 150 | 43894 | |
| 6 | Tattihalla Dam | | 3 | 1021 | | | 1375 | | | 9 | 1025 | 3 | 30 | 1226 | |
| 7 | Kodasalli Dam | 77 | 2467 | 33377 | | 428 | 49411 | 53 | | 2538 | 35580 | | | 54134 | |
| 8 | Kadra Dam | 44 | 2575 | 60193 | | 13 | 76536 | | | 3374 | 60502 | | 13 | 80926 | |
| 9 | Mani Dam | | 103 | 15789 | | 191 | 17762 | 1 | | 698 | 4663 | 65 | 727 | 4363 | |

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 20/11/2016

| Cumulative PLF (%) | Daily | Monthly | Yearly |
|--------------------|-------|---------|--------|
| RTPS Unit 1 to 7 | 90.11 | 95.14 | 69.63 |
| RTPS Unit 8 | 89.07 | 98.48 | 71.61 |
| BTPS Unit 1 | 87.33 | 86.91 | 80.30 |
| BTPS Unit 2 | 95.97 | 80.47 | 51.96 |

| 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 | 4220.00 | 68.3950 | 1271.1830 | 10891.5350 | 20754.9580 |
| 2 | MAJOR HYDRO | SGS+NPH+VUGPH | 2395.00 | 6.0590 | 209.3620 | 2503.1374 | 8321.9500 |
| 3 | MINOR HYDRO | | 1261.60 | 1.7576 | 90.1992 | 1295.9293 | 3188.1100 |
| 4 | SOLAR | | 24.00 | .1036 | 1.8374 | 20.1592 | 33.0300 |
| 5 | WIND | | 4.56 | .0153 | .3694 | 6.1210 | 13.3300 |
| 6 | MINI HYDEL | | 10.75 | .0000 | .0000 | .0000 | .0000 |
| 7 | DIESEL | | 108.00 | .0000 | .0000 | .0000 | .0000 |
| Total | | | 8023.91 | 76.3305 | 1572.9510 | 14716.8819 | 32311.3780 |

| Unit Outage Data | | | |
|------------------|---------|------|--|
| Pr Id | Project | Unit | Reason |
| 5 | VUGPH | 3 | Tripped for attending nozzle leakage works |