



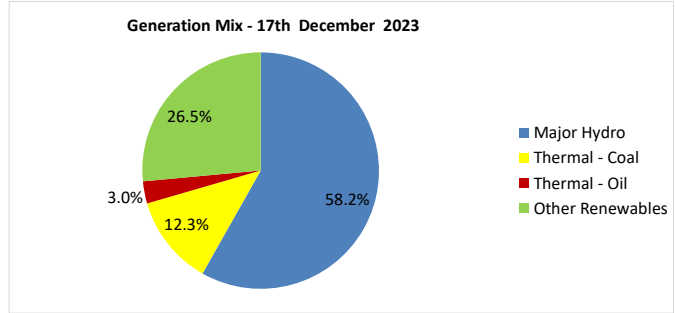
Daily Electricity Generation & Cost Estimation Report

17th December 2023



Daily Generation Mix - 17th December 2023

| Plant Type | Generation (GWh) | Percentage |
|------------------------------|------------------|------------|
| Major Hydro | 19.55 | 58.2% |
| Thermal - Coal | 4.15 | 12.3% |
| Thermal - Furnace Oil | 0.00 | 0.0% |
| Thermal - Diesel | 0.00 | 0.0% |
| Thermal - Naphtha | 1.01 | 3.0% |
| Wind - CEB | 1.29 | 3.8% |
| Wind - IPP | 1.21 | 3.6% |
| Solar - IPP - Ground Mounted | 0.57 | 1.7% |
| Solar - Roof Top | 1.54 | 4.6% |
| Mini Hydro | 3.87 | 11.5% |
| Municipal Solid Waste | 0.41 | 1.2% |
| Total | 33.60 | |



Note – Estimated generation from roof top solar, non-telemetered solar and mini hydro plants has been included in the above figures

Estimated Generation Cost : 17th December 2023

| Plant Type | Energy Cost (LKR Mn) | Non Fuel Energy Cost (LKR Mn) | Capacity Cost (LKR Mn) | Total Cost of Generation (LKR Mn) | Energy Cost per Unit (LKR/kWh) | Non fuel Energy Cost per Unit (LKR/kWh) | Capacity Charge per Unit (LKR/kWh) | Cost of Electricity per Unit (LKR/kWh) |
|------------------------------|----------------------|-------------------------------|------------------------|-----------------------------------|--------------------------------|---|------------------------------------|--|
| Major Hydro | 0.0 | 0.0 | 59.6 | 59.6 | 0.00 | 0.00 | 3.05 | 3.05 |
| Thermal - Coal | 85.9 | 8.2 | 66.1 | 160.1 | 20.71 | 1.97 | 15.94 | 38.62 |
| Thermal - Furnace Oil | 0.0 | 6.0 | 60.8 | 66.8 | 0.00 | 0.00 | 0.00 | 0.00 |
| Thermal - Diesel | 0.0 | 1.8 | 15.9 | 17.7 | 0.00 | 0.00 | 0.00 | 0.00 |
| Thermal - Naphtha | 44.0 | 1.2 | 6.5 | 51.6 | 43.39 | 1.13 | 6.39 | 50.92 |
| Wind - CEB | 0.0 | 0.0 | 5.9 | 5.9 | 0.00 | 0.00 | 4.60 | 4.60 |
| Wind - IPP | 16.9 | 0.0 | 0.0 | 16.9 | 13.95 | 0.00 | 0.00 | 13.95 |
| Solar - IPP - Ground Mounted | 10.9 | 0.0 | 0.0 | 10.9 | 19.02 | 0.00 | 0.00 | 19.02 |
| Solar - Roof Top | 37.6 | 0.0 | 0.0 | 37.6 | 24.41 | 0.00 | 0.00 | 24.41 |
| Mini Hydro | 55.2 | 0.0 | 0.0 | 55.2 | 14.28 | 0.00 | 0.00 | 14.28 |
| Municipal Solid Waste | 14.0 | 0.0 | 0.0 | 14.0 | 34.58 | 0.00 | 0.00 | 34.58 |
| Total | 264.5 | 17.1 | 214.8 | 496.5 | 7.87 | 0.51 | 6.39 | 14.78 |

Note -
Start/Stop costs has been excluded in the calculation

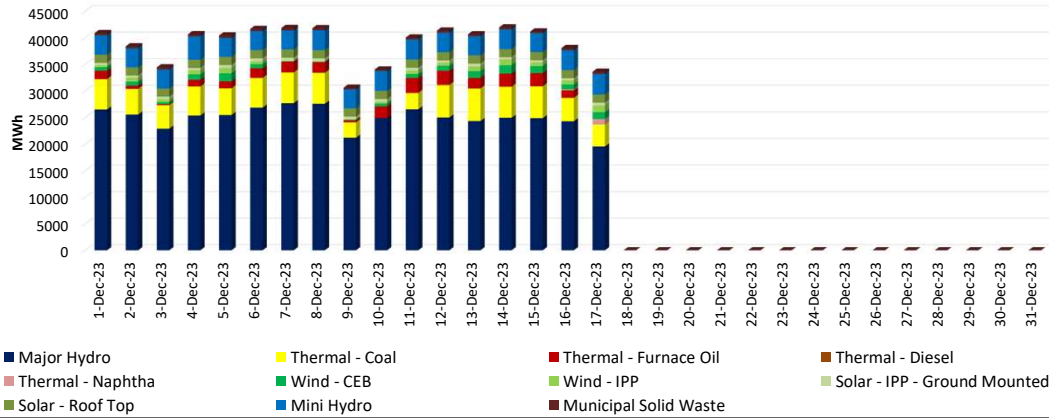
Unit Cost of Generation for the day : **14.78** LKR/kWh
 Total Generation Cost for the day: **496.5** Mn LKR

Fuel Prices

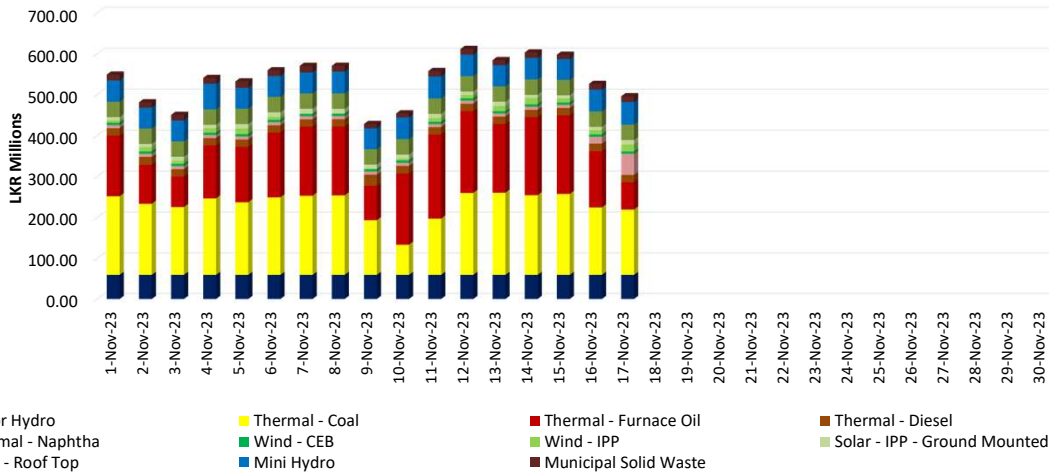
(as at 1st Dec 2023)

| | Price (LKR/Liter or LKR/kg) |
|-------------|-----------------------------|
| Furnace | 205.00 |
| Coal | 50.45 |
| Naphtha | 161.00 |
| Auto Diesel | 329.00 |

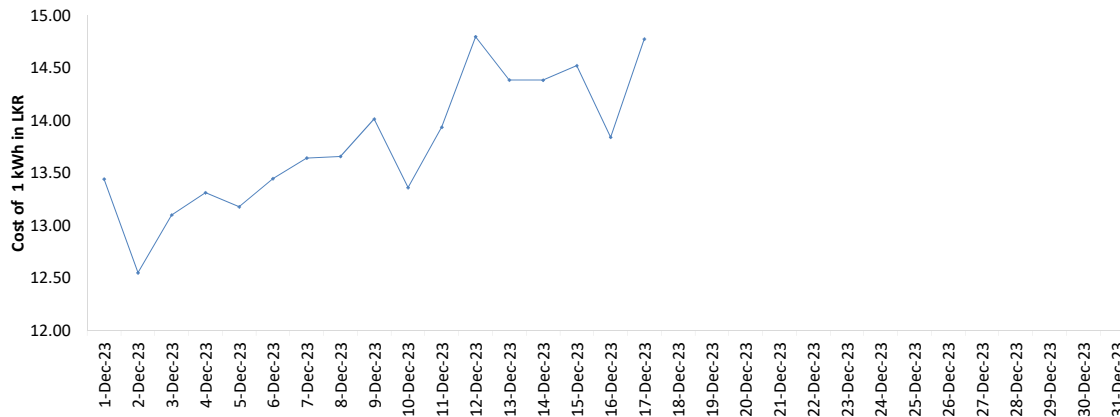
Generation Mix -December 2023

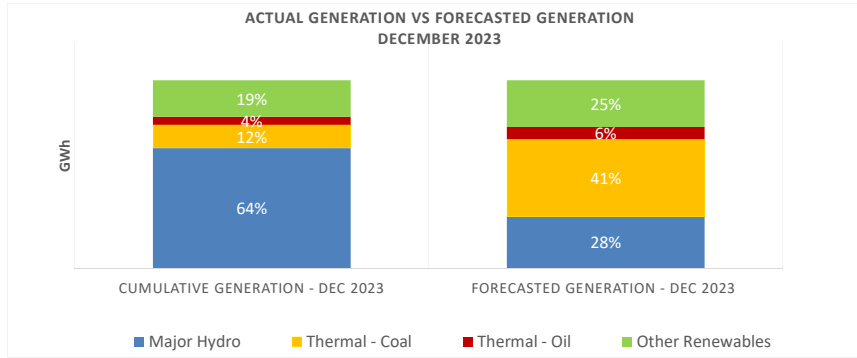


Cost of Generation -December 2023



Per Unit Cost of Generation - December 2023





| | Cumulative Generation - December 2023 [GWh] | Forecasted Generation - December 2023 [GWh] |
|------------------|---|---|
| Major Hydro | 423 | 353 |
| Thermal - Coal | 81 | 524 |
| Thermal - Oil | 29 | 81 |
| Other Renewables | 128 | 317 |
| Total | 661 | 1276 |

Forecasted Generation - SDDP November 2023

Estimated Cost of Generation - December 2023 (Mn LKR)

| | |
|---------------------------------------|------------------------|
| Major Hydro | 1012.84 Mn LKR |
| Thermal - Coal | 2944.31 Mn LKR |
| Thermal - Furnace Oil | 2496.96 Mn LKR |
| Thermal - Diesel | 313.76 Mn LKR |
| Thermal - Naphtha | 182.77 Mn LKR |
| Wind - CEB | 100.84 Mn LKR |
| Wind - IPP | 141.70 Mn LKR |
| Solar - IPP - Ground Mounted | 164.14 Mn LKR |
| Solar - Roof Top | 639.18 Mn LKR |
| Mini Hydro | 897.10 Mn LKR |
| Municipal Solid Waste | 226.08 Mn LKR |
| Total Generation Cost (Dec) | 9,119.70 Mn LKR |
| | |
| Average Unit Cost of Generation (Dec) | 13.79 LKR/kWh |