



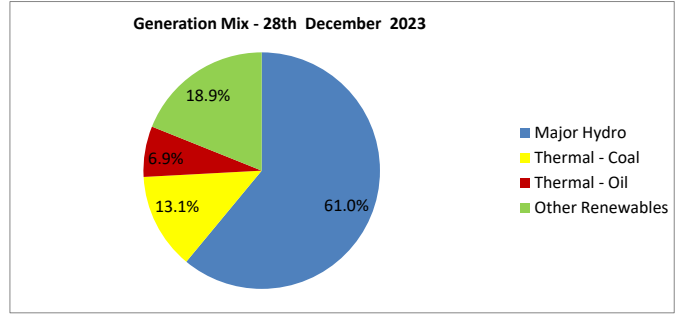
Daily Electricity Generation & Cost Estimation Report

28th December 2023



Daily Generation Mix - 28th December 2023

| Plant Type | Generation (GWh) | Percentage |
|------------------------------|------------------|------------|
| Major Hydro | 26.66 | 61.0% |
| Thermal - Coal | 5.75 | 13.1% |
| Thermal - Furnace Oil | 3.03 | 6.9% |
| Thermal - Diesel | 0.00 | 0.0% |
| Thermal - Naphtha | 0.00 | 0.0% |
| Wind - CEB | 1.22 | 2.8% |
| Wind - IPP | 1.22 | 2.8% |
| Solar - IPP - Ground Mounted | 0.36 | 0.8% |
| Solar - Roof Top | 1.54 | 3.5% |
| Mini Hydro | 3.57 | 8.2% |
| Municipal Solid Waste | 0.36 | 0.8% |
| Total | 43.70 | |



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

Estimated Generation Cost : 28th 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 | 2.23 | 2.23 |
| Thermal - Coal | 119.0 | 8.2 | 66.1 | 193.2 | 20.71 | 1.42 | 11.50 | 33.64 |
| Thermal - Furnace Oil | 153.8 | 6.0 | 60.8 | 220.7 | 50.86 | 1.98 | 20.11 | 72.94 |
| Thermal - Diesel | 0.0 | 1.8 | 15.9 | 17.7 | 0.00 | 0.00 | 0.00 | 0.00 |
| Thermal - Naphtha | 0.0 | 1.2 | 6.5 | 7.6 | 0.00 | 0.00 | 0.00 | 0.00 |
| Wind - CEB | 0.0 | 0.0 | 5.9 | 5.9 | 0.00 | 0.00 | 4.85 | 4.85 |
| Wind - IPP | 17.0 | 0.0 | 0.0 | 17.0 | 13.95 | 0.00 | 0.00 | 13.95 |
| Solar - IPP - Ground Mounted | 6.9 | 0.0 | 0.0 | 6.9 | 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 | 51.0 | 0.0 | 0.0 | 51.0 | 14.28 | 0.00 | 0.00 | 14.28 |
| Municipal Solid Waste | 12.5 | 0.0 | 0.0 | 12.5 | 34.58 | 0.00 | 0.00 | 34.58 |
| Total | 397.7 | 17.1 | 214.8 | 629.7 | 9.10 | 0.39 | 4.92 | 14.41 |

Note -

Start/Stop costs has been excluded in the calculation

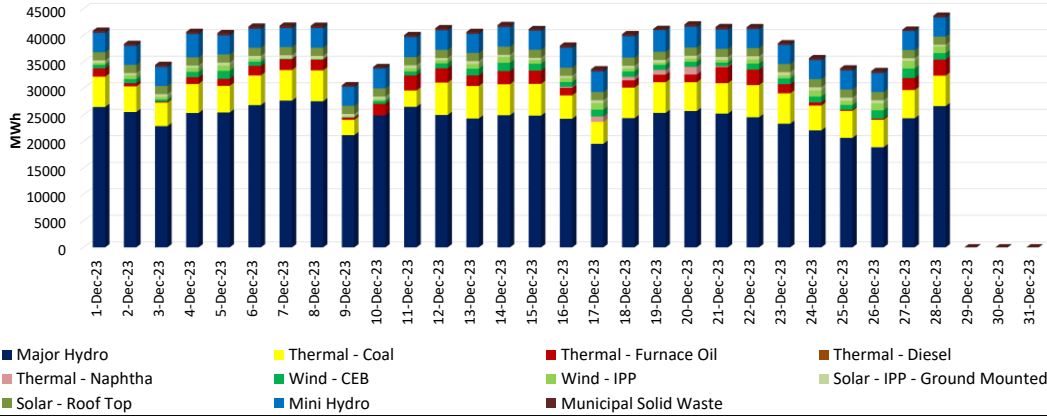
Unit Cost of Generation for the day : **14.41** LKR/kWh
 Total Generation Cost for the day: **629.7** Mn LKR

Fuel Prices

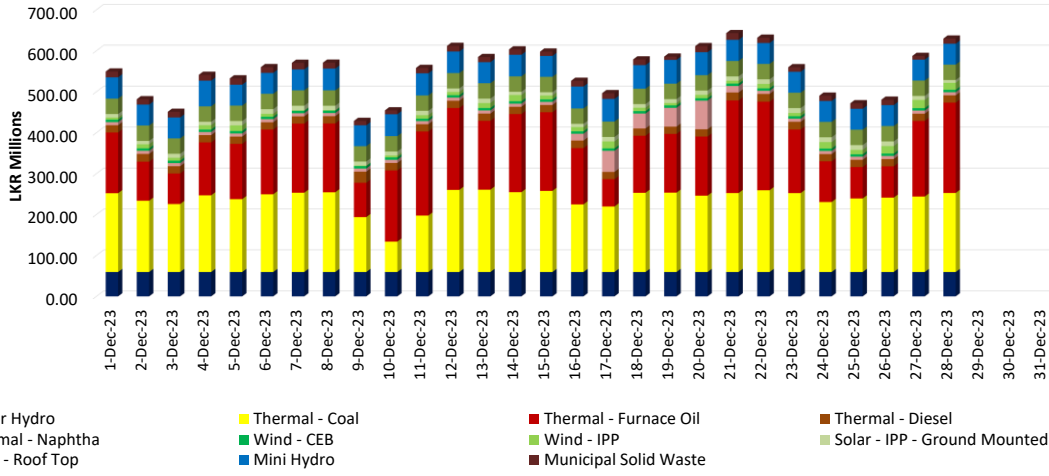
(as at 1st Dec 2023)

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

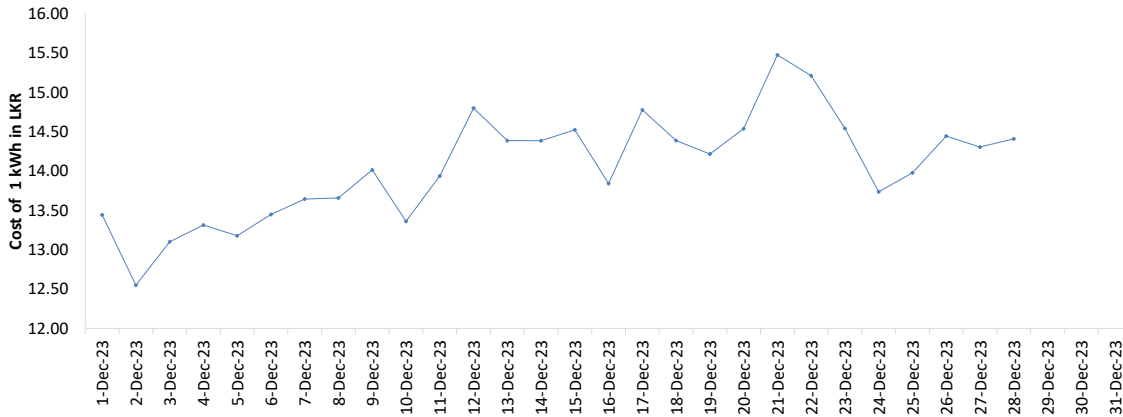
Generation Mix -December 2023

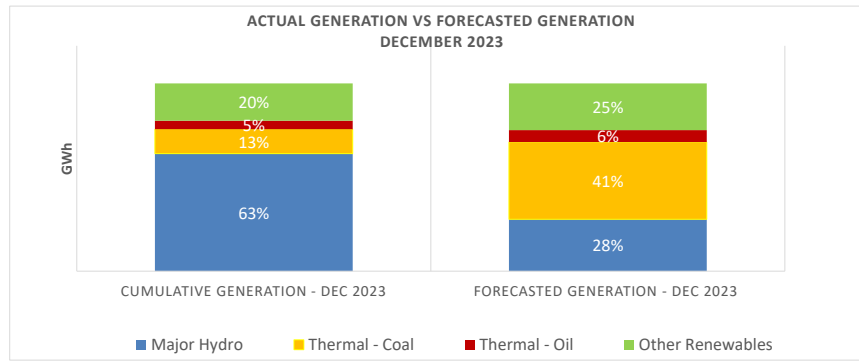


Cost of Generation -December 2023



Per Unit Cost of Generation - December 2023





| | Cumulative Generation - December 2023 [GWh] | Forecasted Generation - December 2023 [GWh] |
|------------------|---|---|
| Major Hydro | 685 | 353 |
| Thermal - Coal | 142 | 524 |
| Thermal - Oil | 50 | 81 |
| Other Renewables | 218 | 317 |
| Total | 1094 | 1276 |

Forecasted Generation - SDDP November 2023

Estimated Cost of Generation - December 2023 (Mn LKR)

| | |
|---------------------------------------|-------------------------|
| Major Hydro | 1668.21 Mn LKR |
| Thermal - Coal | 5014.67 Mn LKR |
| Thermal - Furnace Oil | 4180.01 Mn LKR |
| Thermal - Diesel | 513.08 Mn LKR |
| Thermal - Naphtha | 404.26 Mn LKR |
| Wind - CEB | 166.10 Mn LKR |
| Wind - IPP | 270.92 Mn LKR |
| Solar - IPP - Ground Mounted | 278.81 Mn LKR |
| Solar - Roof Top | 1052.77 Mn LKR |
| Mini Hydro | 1477.24 Mn LKR |
| Municipal Solid Waste | 363.92 Mn LKR |
| Total Generation Cost (Dec) | 15,390.00 Mn LKR |
| | |
| Average Unit Cost of Generation (Dec) | 14.07 LKR/kWh |