



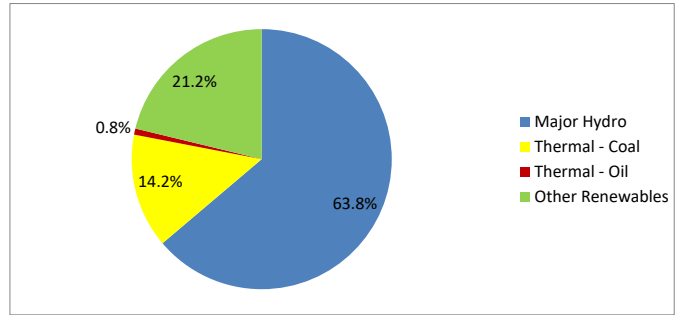
Daily Electricity Generation & Cost Estimation Report

1st January 2024



Daily Generation Mix - 1st January 2024

| Plant Type | Generation (GWh) | Percentage |
|------------------------------|------------------|------------|
| Major Hydro | 23.91 | 63.8% |
| Thermal - Coal | 5.33 | 14.2% |
| Thermal - Furnace Oil | 0.28 | 0.8% |
| Thermal - Diesel | 0.00 | 0.0% |
| Thermal - Naphtha | 0.00 | 0.0% |
| Wind - CEB | 1.00 | 2.7% |
| Wind - IPP | 0.57 | 1.5% |
| Solar - IPP - Ground Mounted | 0.43 | 1.1% |
| Solar - Roof Top | 1.65 | 4.4% |
| Mini Hydro | 4.04 | 10.8% |
| Municipal Solid Waste | 0.27 | 0.7% |
| Total | 37.47 | |



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

Estimated Generation Cost : 1st January 2024

| 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 | 99.5 | 99.5 | 0.00 | 0.00 | 4.16 | 4.16 |
| Thermal - Coal | 109.7 | 27.5 | 134.6 | 271.7 | 20.59 | 5.15 | 25.25 | 50.99 |
| Thermal - Furnace Oil | 16.7 | 14.7 | 76.0 | 107.4 | 58.85 | 51.72 | 267.69 | 378.26 |
| Thermal - Diesel | 0.0 | 3.0 | 28.7 | 31.7 | 0.00 | 0.00 | 0.00 | 0.00 |
| Thermal - Naphtha | 0.0 | 1.9 | 11.8 | 13.7 | 0.00 | 0.00 | 0.00 | 0.00 |
| Wind - CEB | 0.0 | 0.0 | 17.6 | 17.6 | 0.00 | 0.00 | 17.62 | 17.62 |
| Wind - IPP | 7.8 | 0.0 | 0.0 | 7.8 | 13.75 | 0.00 | 0.00 | 13.75 |
| Solar - IPP - Ground Mounted | 8.5 | 0.0 | 0.0 | 8.5 | 19.67 | 0.00 | 0.00 | 19.67 |
| Solar - Roof Top | 40.6 | 0.0 | 0.0 | 40.6 | 24.59 | 0.00 | 0.00 | 24.59 |
| Mini Hydro | 57.6 | 0.0 | 0.0 | 57.6 | 14.27 | 0.00 | 0.00 | 14.27 |
| Municipal Solid Waste | 9.4 | 0.0 | 0.0 | 9.4 | 35.02 | 0.00 | 0.00 | 35.02 |
| Total | 250.2 | 47.0 | 368.1 | 665.4 | 6.68 | 1.26 | 9.82 | 17.76 |

Note -

Start/Stop costs has been excluded in the calculation

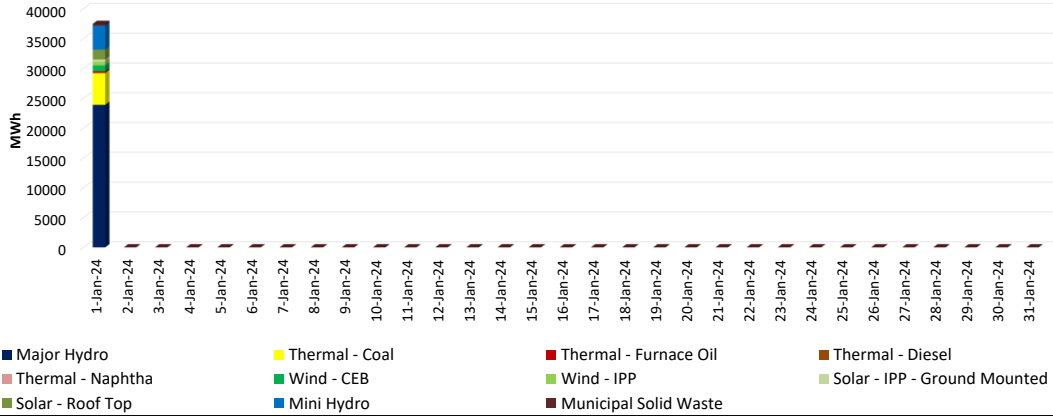
Unit Cost of Generation for the day : **17.76** LKR/kWh
 Total Generation Cost for the day: **665.4** Mn LKR

Fuel Prices

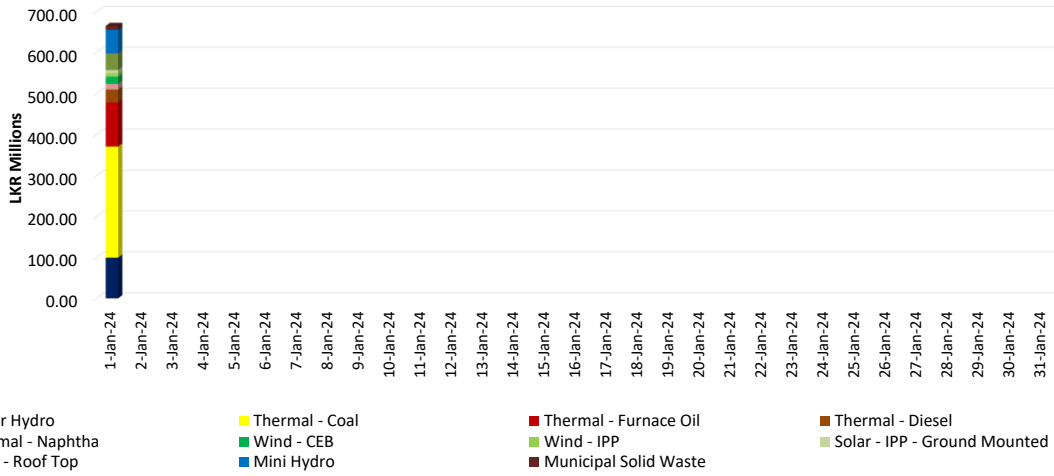
(as at 1st Jan 2023)

| | Price (LKR/Liter or LKR/kg) |
|-------------|-----------------------------|
| Furnace | 205.00 |
| Coal | 50.15 |
| Naphtha | 163.00 |
| Auto Diesel | 358.00 |

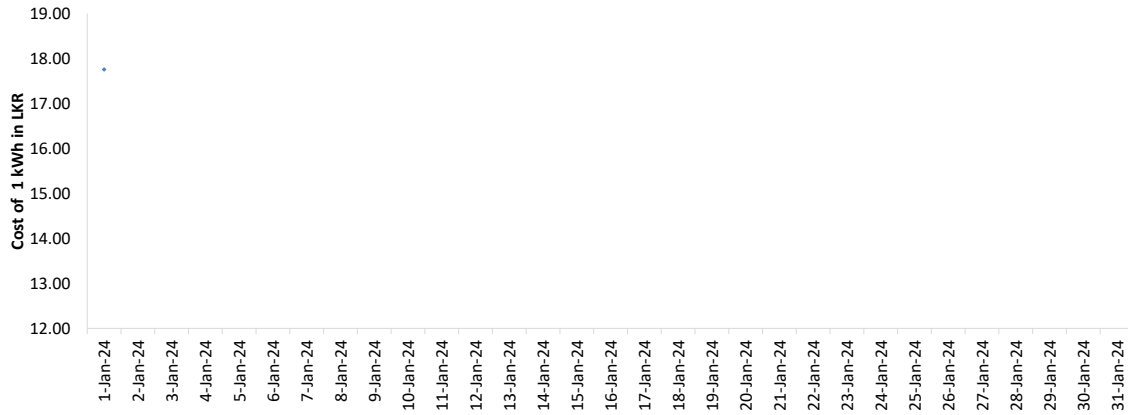
Generation Mix - January 2023

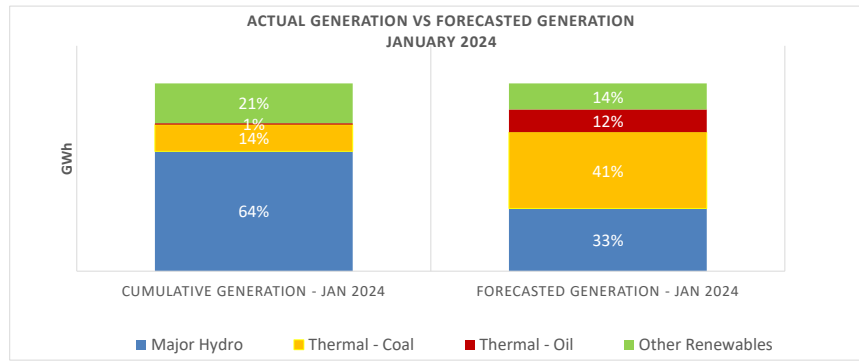


Cost of Generation - January 2023



Per Unit Cost of Generation - January 2023





| | Cumulative Generation - January 2024 [GWh] | Forecasted Generation - January 2024 [GWh] |
|------------------|--|--|
| Major Hydro | 24 | 432 |
| Thermal - Coal | 5 | 524 |
| Thermal - Oil | 0 | 157 |
| Other Renewables | 8 | 179 |
| Total | 37 | 1293 |

Forecasted Generation - SDDP December 2023

Estimated Cost of Generation - January 2024 (Mn LKR)

| | |
|--|----------------------|
| Major Hydro | 99.46 Mn LKR |
| Thermal - Coal | 271.74 Mn LKR |
| Thermal - Furnace Oil | 107.43 Mn LKR |
| Thermal - Diesel | 31.66 Mn LKR |
| Thermal - Naphtha | 13.74 Mn LKR |
| Wind - CEB | 17.57 Mn LKR |
| Wind - IPP | 7.81 Mn LKR |
| Solar - IPP - Ground Mounted | 8.46 Mn LKR |
| Solar - Roof Top | 40.58 Mn LKR |
| Mini Hydro | 57.58 Mn LKR |
| Municipal Solid Waste | 9.39 Mn LKR |
| Total Generation Cost (Jan) | 665.42 Mn LKR |
| | |
| Average Unit Cost of Generation (Jan) | 17.76 LKR/kWh |