



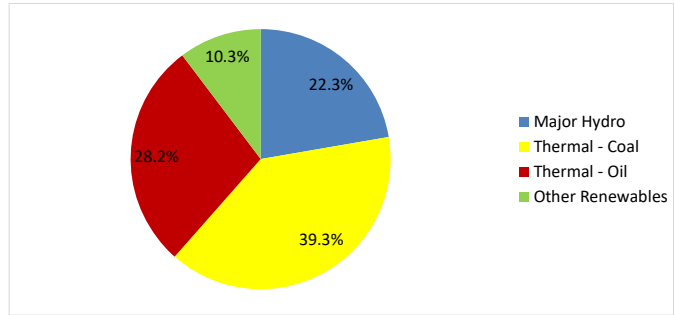
Daily Electricity Generation & Cost Estimation Report

27th March 2024



Daily Generation Mix - 27th March 2024

| Plant Type | Generation (GWh) | Percentage |
|------------------------------|------------------|------------|
| Major Hydro | 11.18 | 22.3% |
| Thermal - Coal | 19.70 | 39.3% |
| Thermal - Furnace Oil | 10.79 | 21.5% |
| Thermal - Diesel | 0.00 | 0.0% |
| Thermal - Naphtha | 3.35 | 6.7% |
| Wind - CEB | 0.15 | 0.3% |
| Wind - IPP | 0.24 | 0.5% |
| Solar - IPP - Ground Mounted | 0.64 | 1.3% |
| Solar - Roof Top | 1.67 | 3.3% |
| Mini Hydro | 2.04 | 4.1% |
| Municipal Solid Waste | 0.43 | 0.9% |
| Total | 50.18 | |



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

Estimated Generation Cost : 27th March 2024

| Plant Type | Energy Cost (Mn LKR) | Non Fuel Energy Cost (Mn LKR) | Capacity Cost (Mn LKR) | Total Cost of Generation (Mn LKR) | 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 | 40.0 | 40.0 | 0.00 | 0.00 | 3.58 | 3.58 |
| Thermal - Coal | 413.8 | 27.5 | 36.7 | 478.0 | 21.01 | 1.39 | 1.86 | 24.27 |
| Thermal - Furnace Oil | 492.0 | 14.7 | 51.3 | 558.0 | 45.61 | 1.36 | 4.76 | 51.73 |
| Thermal - Diesel | 0.4 | 2.3 | 7.6 | 10.3 | 161.08 | 945.17 | 3169.58 | 4275.83 |
| Thermal - Naphtha | 175.6 | 1.9 | 2.8 | 180.3 | 52.47 | 0.57 | 0.84 | 53.88 |
| Wind - CEB | 0.0 | 0.0 | 20.7 | 20.7 | 0.00 | 0.00 | 141.49 | 141.49 |
| Wind - IPP | 3.2 | 0.0 | 0.0 | 3.2 | 13.75 | 0.00 | 0.00 | 13.75 |
| Solar - IPP - Ground Mounted | 12.6 | 0.0 | 0.0 | 12.6 | 19.67 | 0.00 | 0.00 | 19.67 |
| Solar - Roof Top | 41.1 | 0.0 | 0.0 | 41.1 | 24.59 | 0.00 | 0.00 | 24.59 |
| Mini Hydro | 29.2 | 0.0 | 0.0 | 29.2 | 14.27 | 0.00 | 0.00 | 14.27 |
| Municipal Solid Waste | 15.1 | 0.0 | 0.0 | 15.1 | 35.02 | 0.00 | 0.00 | 35.02 |
| Total | 1183.0 | 46.3 | 159.1 | 1388.4 | 23.58 | 0.92 | 3.17 | 27.67 |

Note -

Start/Stop costs has been excluded in the calculation

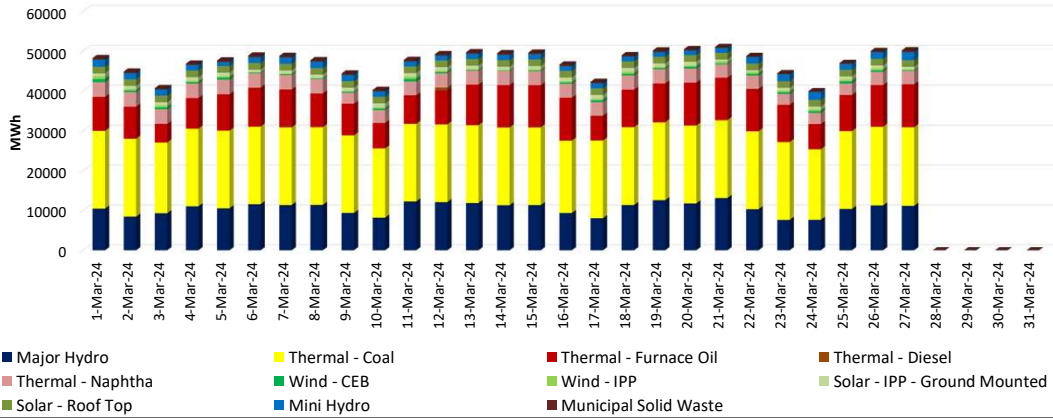
Unit Cost of Generation for the day : **27.67** LKR/kWh
 Total Generation Cost for the day: **1388.43** Mn LKR

Fuel Prices

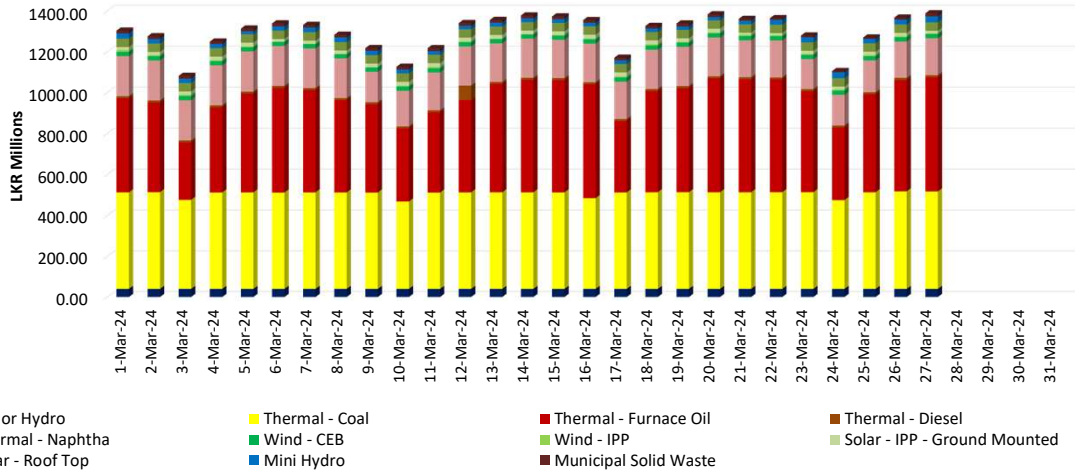
(as at 25th March 2024)

| | Price (LKR/Liter or LKR/kg) |
|-------------|-----------------------------|
| Furnace | 199.00 |
| *Coal | 51.18 |
| Naphtha | 194.70 |
| Auto Diesel | 363.00 |

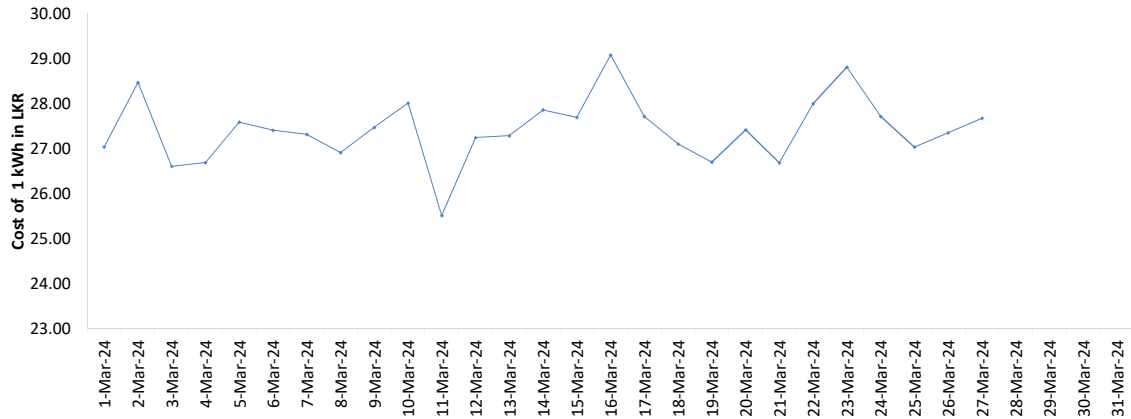
Generation Mix - March 2024

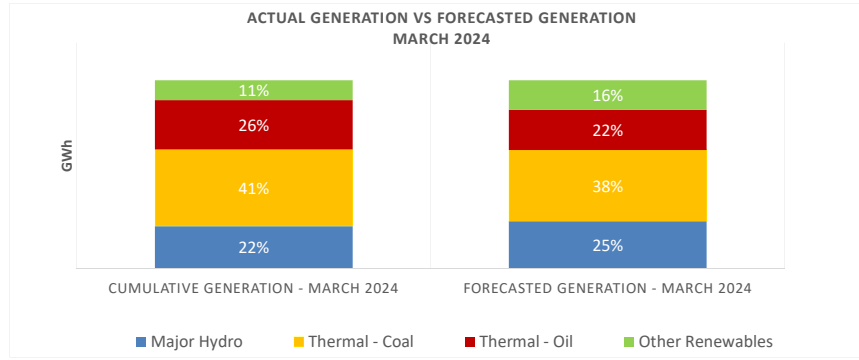


Cost of Generation - March 2024



Per Unit Cost of Generation - March 2024





| | Cumulative Generation - March 2024 [GWh] | Forecasted Generation - March 2024 [GWh] |
|------------------|--|--|
| Major Hydro | 286 | 348 |
| Thermal - Coal | 520 | 524 |
| Thermal - Oil | 334 | 298 |
| Other Renewables | 134 | 215 |
| Total | 1274 | 1385 |

Forecasted Generation - SDDP February 2024

Estimated Cost of Generation - March 2024 (Mn LKR)

| | |
|------------------------------------|-------------------------|
| Major Hydro | 1079.99 Mn LKR |
| Thermal - Coal | 12653.66 Mn LKR |
| Thermal - Furnace Oil | 12793.48 Mn LKR |
| Thermal - Diesel | 329.75 Mn LKR |
| Thermal - Naphtha | 4940.71 Mn LKR |
| Wind - CEB | 557.77 Mn LKR |
| Wind - IPP | 128.09 Mn LKR |
| Solar - IPP - Ground Mounted | 428.08 Mn LKR |
| Solar - Roof Top | 1108.95 Mn LKR |
| Mini Hydro | 553.91 Mn LKR |
| Municipal Solid Waste | 329.74 Mn LKR |
| Total Generation Cost (Mar) | 34,904.13 Mn LKR |

| | |
|--------------------------------|------------------|
| Generation Energy Cost (Mar) | 29,358.23 Mn LKR |
| Generation Capacity Cost (Mar) | 4,295.07 Mn LKR |
| Other Cost (Mar) | 1,250.83 Mn LKR |

Average Unit Cost of Generation (Mar) 27.41 LKR/kWh