



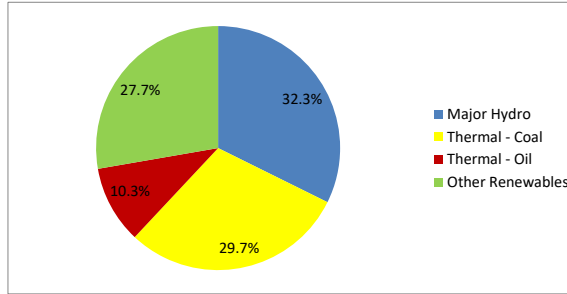
Daily Electricity Generation & Cost Estimation Report

10th November 2024



Daily Generation Mix -10th Nov 2024

| Plant Type | Generation (GWh) | Percentage |
|------------------------------|------------------|------------|
| Major Hydro | 12.72 | 32.3% |
| Thermal - Coal | 11.67 | 29.7% |
| Thermal - Furnace Oil | 0.96 | 2.4% |
| Thermal - Diesel | 0.00 | 0.0% |
| Thermal - Naphtha | 3.09 | 7.9% |
| Wind - CEB | 1.02 | 2.6% |
| Wind - IPP | 0.87 | 2.2% |
| Solar - IPP - Ground Mounted | 0.72 | 1.8% |
| Solar - Roof Top | 2.77 | 7.0% |
| Mini Hydro | 4.98 | 12.7% |
| Municipal Solid Waste | 0.55 | 1.4% |
| Total | 39.35 | |



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

Estimated Generation Cost : 10th Nov 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 | 39.1 | 39.1 | 0.00 | 0.00 | 3.07 | 3.07 |
| Thermal - Coal | 218.8 | 28.4 | 46.3 | 293.5 | 18.74 | 2.43 | 3.97 | 25.14 |
| Thermal - Furnace Oil | 41.9 | 9.7 | 51.9 | 103.5 | 43.77 | 10.13 | 54.27 | 108.17 |
| Thermal - Diesel | 0.0 | 1.5 | 20.0 | 21.5 | 0.00 | 0.00 | 0.00 | 0.00 |
| Thermal - Naphtha | 138.4 | 2.0 | 3.3 | 143.7 | 44.74 | 0.64 | 1.07 | 46.45 |
| Wind - CEB | 0.0 | 0.0 | 21.6 | 21.6 | 0.00 | 0.00 | 21.20 | 21.20 |
| Wind - IPP | 14.1 | 0.0 | 0.0 | 14.1 | 16.15 | 0.00 | 0.00 | 16.15 |
| Solar - IPP - Ground Mounted | 14.1 | 0.0 | 0.0 | 14.1 | 19.58 | 0.00 | 0.00 | 19.58 |
| Solar - Roof Top | 69.0 | 0.0 | 0.0 | 69.0 | 24.92 | 0.00 | 0.00 | 24.92 |
| Mini Hydro | 67.7 | 0.0 | 0.0 | 67.7 | 13.59 | 0.00 | 0.00 | 13.59 |
| Municipal Solid Waste | 21.3 | 0.0 | 0.0 | 21.3 | 39.00 | 0.00 | 0.00 | 39.00 |
| Total | 585.3 | 41.5 | 182.2 | 809.1 | 14.87 | 1.06 | 4.63 | 20.56 |

Note -

Start/Stop costs has been excluded in the calculation

Capacity cost is based on the approved BST submission.

Unit Cost of Generation for the day : **20.56 LKR/kWh**
 Total Generation Cost for the day: **809.06 Mn LKR**

Fuel Prices

(as at 11th Nov 2024)

| | Price (LKR/Liter or LKR/kg) |
|-------------|-----------------------------|
| Furnace | 199.00 |
| Coal | 45.65 |
| Naphtha | 166.00 |
| Auto Diesel | 283.00 |

Scheduled (Day Ahead) Generation Mix - 10th Nov 2024 (Excluding generation from non telemetered power plants)

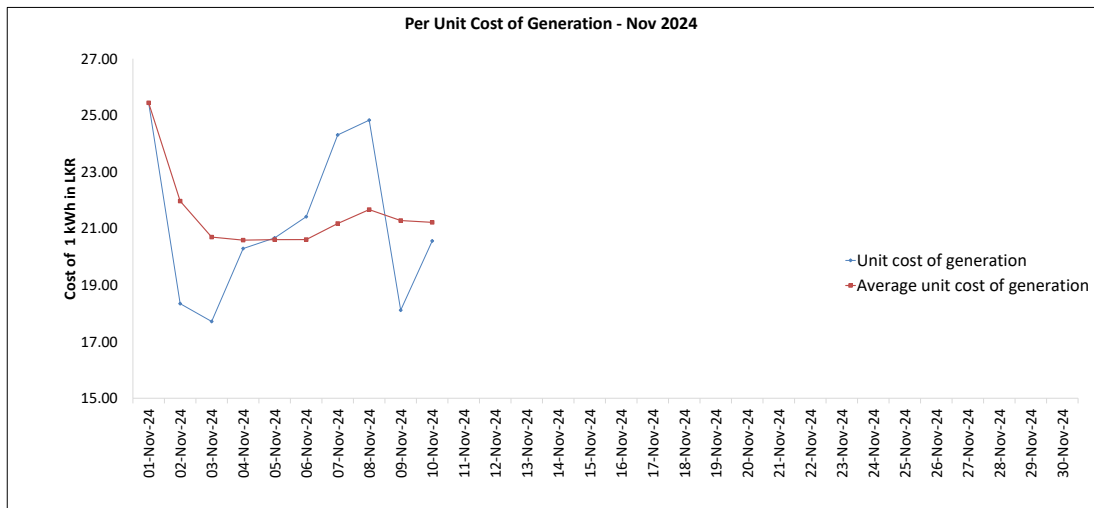
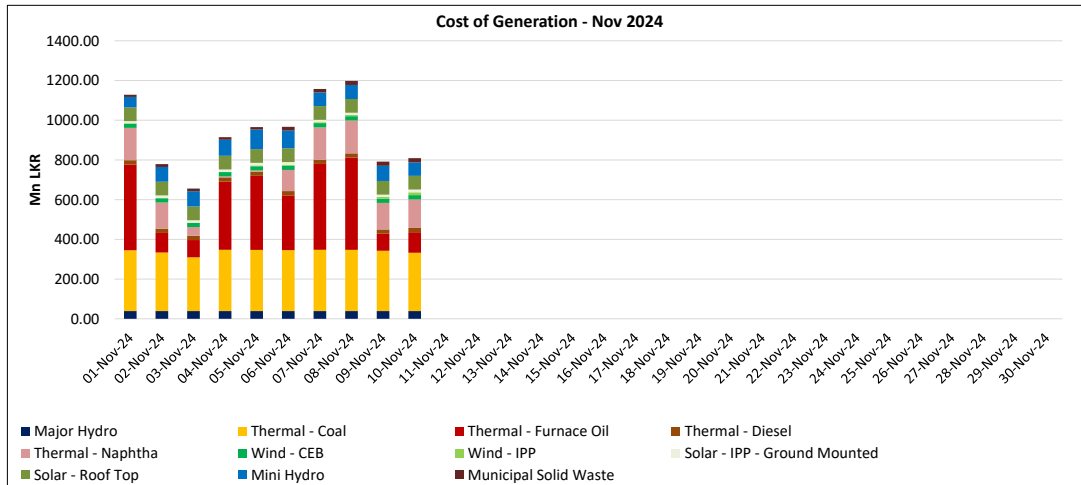
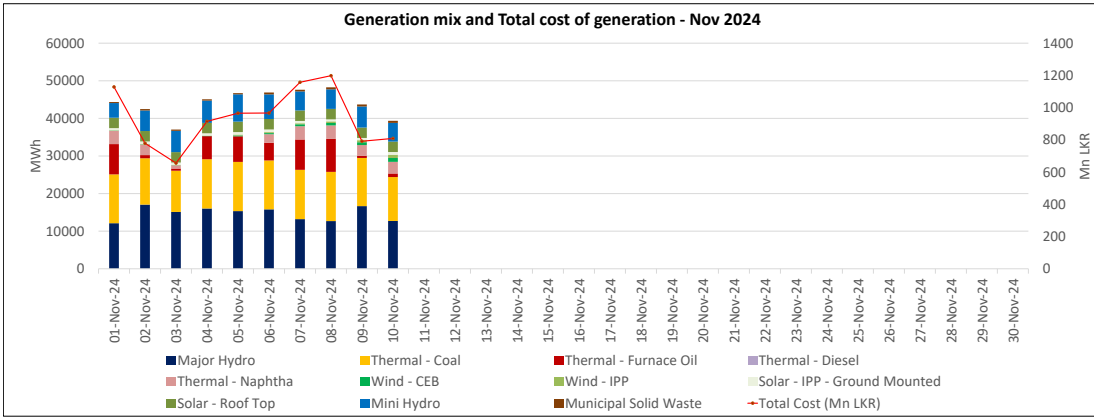
| Plant Type | Generation (GWh) | Percentage |
|-----------------------|------------------|------------|
| Major Hydro | 12.8 | 39% |
| Thermal - Coal | 11.3 | 34% |
| Thermal - Furnace Oil | 0.0 | 0% |
| Thermal - Diesel | 0.0 | 0% |
| Thermal - Naphtha | 2.4 | 7% |
| Wind - CEB | | |
| Wind - IPP | 0.9 | 3% |
| BMP | 0.5 | 2% |
| Solar | 0.4 | 1% |
| Mini Hydro | 4.9 | 15% |
| Total | 33.25 | |

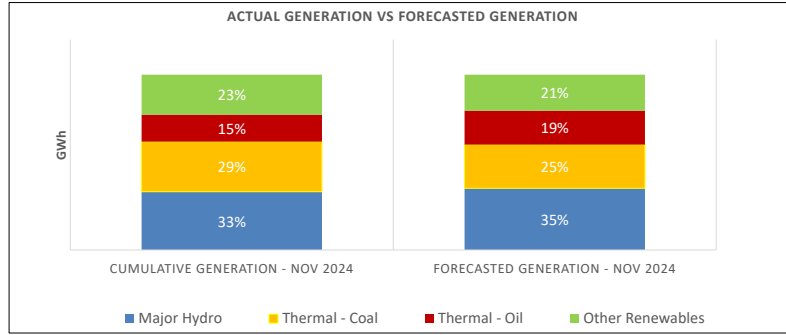
Estimated Generation Cost for the Scheduled Dispatch (Excluding non telemetered NCRE plants) **645 Mn LKR**

Actual Generation Mix - 10th Nov 2024 (Excluding generation from non telemetered power plants)

| Plant Type | Generation (GWh) | Percentage |
|-----------------------|------------------|------------|
| Major Hydro | 12.7 | 35% |
| Thermal - Coal | 11.7 | 32% |
| Thermal - Furnace Oil | 1.0 | 3% |
| Thermal - Diesel | 0.0 | 0% |
| Thermal - Naphtha | 3.1 | 9% |
| Wind - CEB | 1.0 | 3% |
| Wind - IPP | 0.9 | 2% |
| BMP | 0.5 | 1.5% |
| Solar | 0.7 | 2% |
| Mini Hydro | 4.7 | 13% |
| Total | 36.30 | |

Estimated Generation Cost for the Actual Dispatch (Excluding non telemetered NCRE plants) **736 Mn LKR**





| | Cumulative Generation - Nov 2024 [GWh] | Forecasted Generation - Nov 2024 [GWh] |
|------------------|--|--|
| Major Hydro | 147 | 478 |
| Thermal - Coal | 126 | 338 |
| Thermal - Oil | 68 | 263 |
| Other Renewables | 101 | 278 |
| Total | 442 | 1357 |

Forecasted Generation - SDDP Oct 2024

Estimated Cost of Generation - Nov 2024 (Mn LKR)

| | |
|------------------------------|---------------------|
| Major Hydro | 391 Mn LKR |
| Thermal - Coal | 3,009 Mn LKR |
| Thermal - Furnace Oil | 2,695 Mn LKR |
| Thermal - Diesel | 215 Mn LKR |
| Thermal - Naphtha | 1,061 Mn LKR |
| Wind - CEB | 216 Mn LKR |
| Wind - IPP | 48 Mn LKR |
| Solar - IPP - Ground Mounted | 123 Mn LKR |
| Solar - Roof Top | 690 Mn LKR |
| Mini Hydro | 756 Mn LKR |
| Municipal Solid Waste | 164 Mn LKR |
| Total Generation Cost | 9,367 Mn LKR |

Generation Energy Cost (Nov) 7,053 Mn LKR

*Generation Capacity Cost (Nov) 1,822 Mn LKR

Other Cost (Nov) 415 Mn LKR

Average Unit Cost of Generation (Nov) 21.22 LKR/kWh

Note -

* Capacity cost is based on the approved BST submission.