



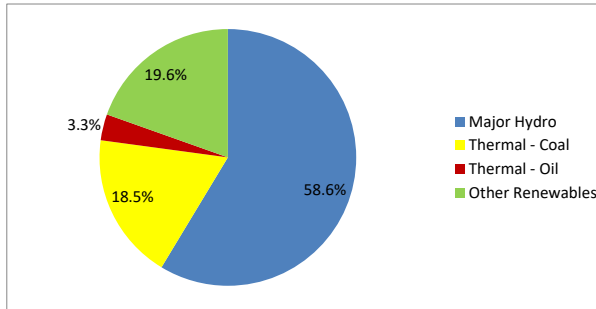
Daily Electricity Generation & Cost Estimation Report

5th December 2024



Daily Generation Mix -5th December 2024

| Plant Type | Generation (GWh) | Percentage |
|------------------------------|------------------|------------|
| Major Hydro | 27.86 | 58.6% |
| Thermal - Coal | 8.79 | 18.5% |
| Thermal - Furnace Oil | 1.56 | 3.3% |
| Thermal - Diesel | 0.00 | 0.0% |
| Thermal - Naphtha | 0.00 | 0.0% |
| Wind - CEB | 0.15 | 0.3% |
| Wind - IPP | 0.21 | 0.4% |
| Solar - IPP - Ground Mounted | 0.66 | 1.4% |
| Solar - Roof Top | 2.82 | 5.9% |
| Mini Hydro | 4.95 | 10.4% |
| Municipal Solid Waste | 0.50 | 1.1% |
| Total | 47.51 | |



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

Estimated Generation Cost : 5th December 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 | 38.2 | 38.2 | 0.00 | 0.00 | 1.37 | 1.37 |
| Thermal - Coal | 164.6 | 27.5 | 45.0 | 237.1 | 18.74 | 3.12 | 5.13 | 26.99 |
| Thermal - Furnace Oil | 71.4 | 9.4 | 51.7 | 132.5 | 45.70 | 6.00 | 33.06 | 84.77 |
| Thermal - Diesel | 0.0 | 1.5 | 19.8 | 21.2 | 0.00 | 0.00 | 0.00 | 0.00 |
| Thermal - Naphtha | 0.0 | 1.9 | 3.3 | 5.2 | 0.00 | 0.00 | 0.00 | 0.00 |
| Wind - CEB | 0.0 | 0.0 | 20.9 | 20.9 | 0.00 | 0.00 | 135.57 | 135.57 |
| Wind - IPP | 3.2 | 0.0 | 0.0 | 3.2 | 15.32 | 0.00 | 0.00 | 15.32 |
| Solar - IPP - Ground Mounted | 12.8 | 0.0 | 0.0 | 12.8 | 19.28 | 0.00 | 0.00 | 19.28 |
| Solar - Roof Top | 70.3 | 0.0 | 0.0 | 70.3 | 24.92 | 0.00 | 0.00 | 24.92 |
| Mini Hydro | 66.7 | 0.0 | 0.0 | 66.7 | 13.47 | 0.00 | 0.00 | 13.47 |
| Municipal Solid Waste | 19.6 | 0.0 | 0.0 | 19.6 | 39.15 | 0.00 | 0.00 | 39.15 |
| Total | 408.6 | 40.2 | 178.8 | 627.6 | 8.60 | 0.85 | 3.76 | 13.21 |

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 :

13.21 LKR/kWh

Total Generation Cost for the day:

627.63 Mn LKR

Fuel Prices

(as at 1st Dec 2024)

| | Price (LKR/Liter or LKR/kg) |
|-------------|-----------------------------|
| Furnace | 199.00 |
| Coal | 45.65 |
| Naphtha | 166.00 |
| Auto Diesel | 286.00 |

Scheduled (Day Ahead) Generation Mix - 5th Dec 2024 (Excluding generation from non telemetered power plants)

| Plant Type | Generation (GWh) | Percentage |
|-----------------------|------------------|------------|
| Major Hydro | 25.2 | 58% |
| Thermal - Coal | 8.7 | 20% |
| Thermal - Furnace Oil | 2.1 | 5% |
| Thermal - Diesel | 0.0 | 0% |
| Thermal - Naphtha | 0.0 | 0% |
| Wind - CEB | 1.3 | 3% |
| Wind - IPP | | |
| BMP | 0.5 | 1% |
| Solar | 0.4 | 1% |
| Mini Hydro | 5.3 | 12% |
| Total | 43.52 | |

Actual Generation Mix - 5th Dec 2024 (Excluding generation from non telemetered power plants)

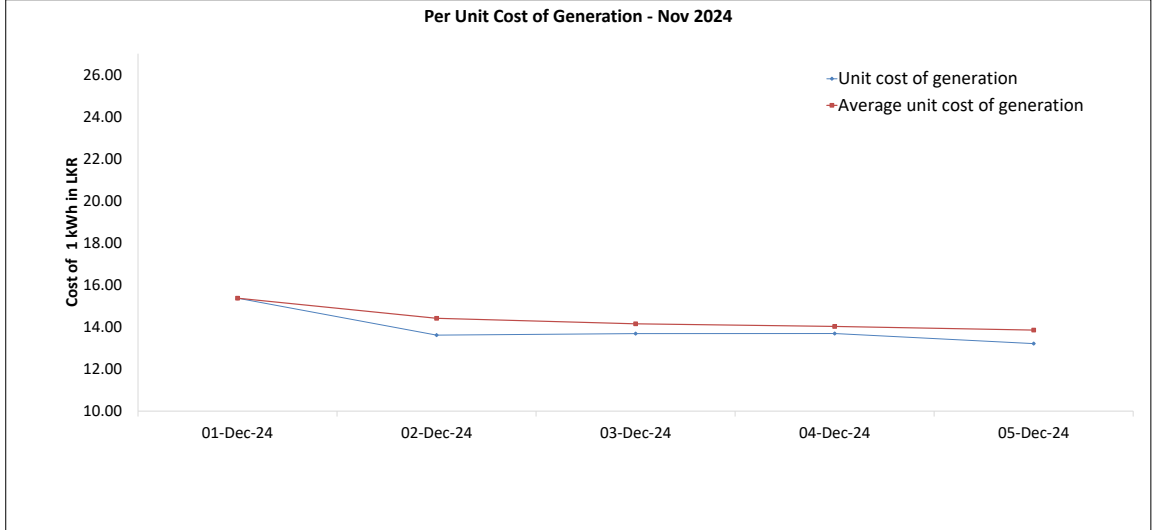
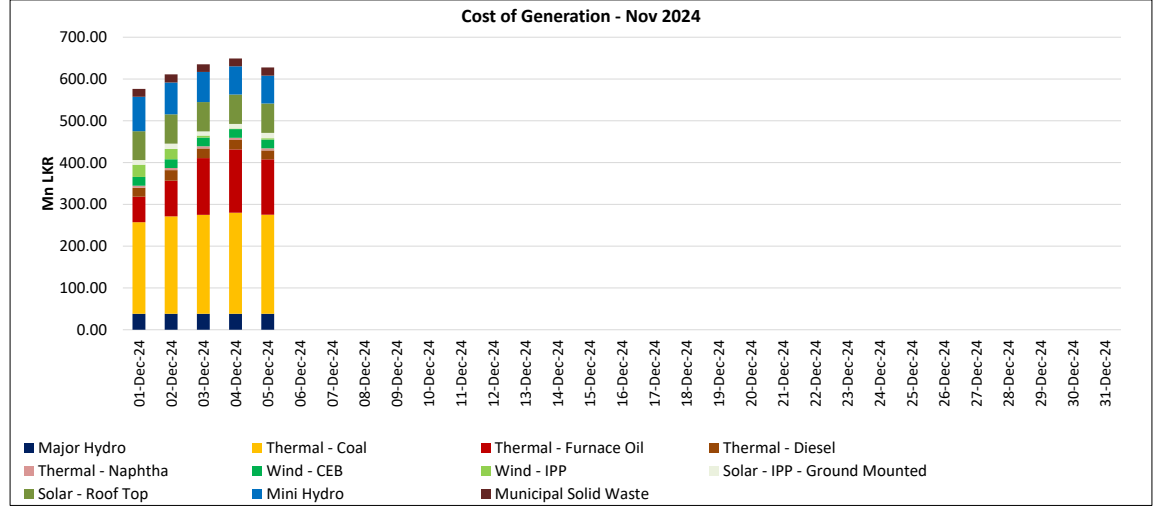
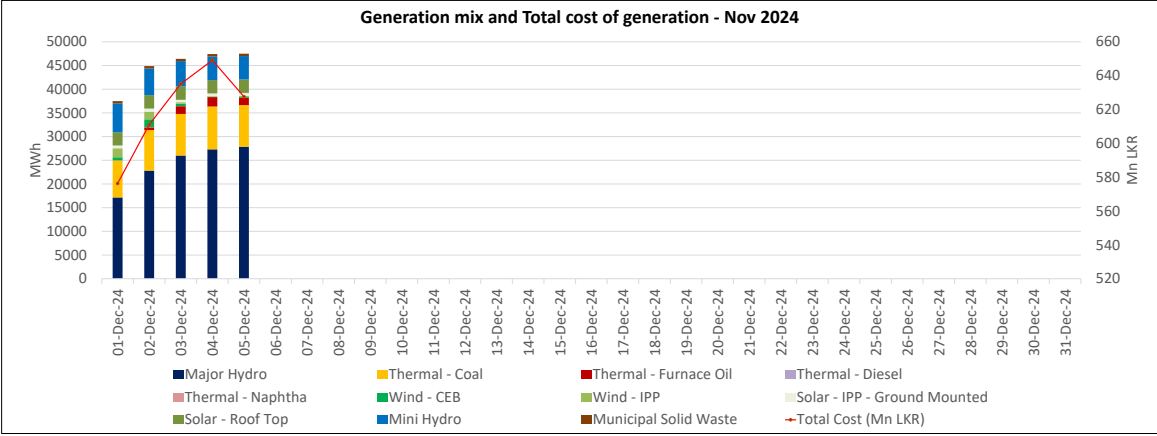
| Plant Type | Generation (GWh) | Percentage |
|-----------------------|------------------|------------|
| Major Hydro | 27.9 | 63% |
| Thermal - Coal | 8.8 | 20% |
| Thermal - Furnace Oil | 1.6 | 4% |
| Thermal - Diesel | 0.0 | 0% |
| Thermal - Naphtha | 0.0 | 0% |
| Wind - CEB | 0.2 | 0% |
| Wind - IPP | 0.2 | 0% |
| BMP | 0.5 | 1.1% |
| Solar | 0.7 | 1% |
| Mini Hydro | 4.7 | 11% |
| Total | 44.41 | |

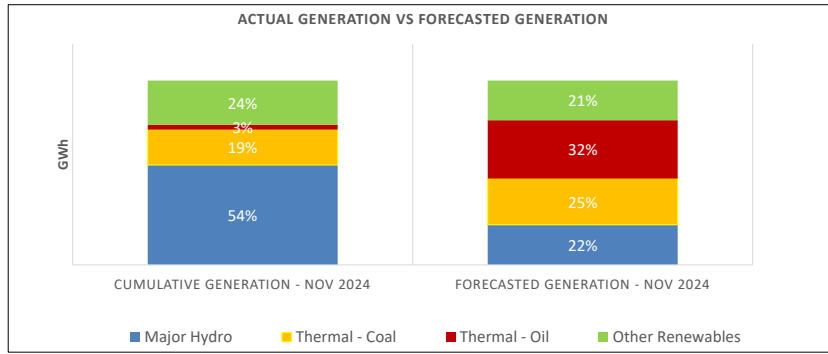
Estimated Generation Cost for the Scheduled Dispatch (Excluding non telemetered NCRE plants)

586 Mn LKR

Estimated Generation Cost for the Actual Dispatch (Excluding non telemetered NCRE plants)

554 Mn LKR





| | Cumulative Generation - Nov 2024 [GWh] | Forecasted Generation - Nov 2024 [GWh] |
|------------------|---|---|
| Major Hydro | 121 | 303 |
| Thermal - Coal | 43 | 350 |
| Thermal - Oil | 6 | 442 |
| Other Renewables | 54 | 300 |
| Total | 224 | 1394 |

Forecasted Generation - SDDP Nov 2024

Estimated Cost of Generation - Nov 2024 (Mn LKR)

| | |
|------------------------------|---------------------|
| Major Hydro | 191 Mn LKR |
| Thermal - Coal | 1,168 Mn LKR |
| Thermal - Furnace Oil | 566 Mn LKR |
| Thermal - Diesel | 113 Mn LKR |
| Thermal - Naphtha | 26 Mn LKR |
| Wind - CEB | 104 Mn LKR |
| Wind - IPP | 63 Mn LKR |
| Solar - IPP - Ground Mounted | 58 Mn LKR |
| Solar - Roof Top | 350 Mn LKR |
| Mini Hydro | 365 Mn LKR |
| Municipal Solid Waste | 95 Mn LKR |
| Total Generation Cost | 3,099 Mn LKR |

| | |
|---------------------------------|--------------|
| Generation Energy Cost (Nov) | 2,004 Mn LKR |
| *Generation Capacity Cost (Nov) | 894 Mn LKR |
| Other Cost (Nov) | 201 Mn LKR |

Average Unit Cost of Generation (Nov) 13.85 LKR/kWh

Note -

* Capacity cost is based on the approved BST submission.