



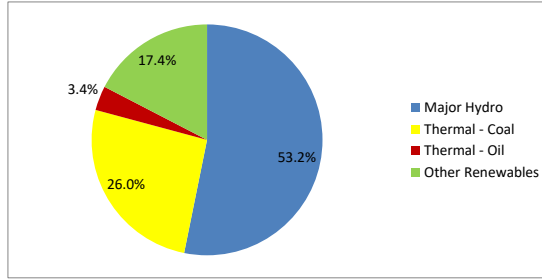
Daily Electricity Generation & Cost Estimation Report

13th December 2024



Daily Generation Mix - 13th December 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	25.77	53.2%
Thermal - Coal	12.60	26.0%
Thermal - Furnace Oil	1.64	3.4%
Thermal - Diesel	0.02	0.0%
Thermal - Naphtha	0.00	0.0%
Wind - CEB	0.25	0.5%
Wind - IPP	0.24	0.5%
Solar - IPP - Ground Mounted	0.58	1.2%
Solar - Roof Top	2.82	5.8%
Mini Hydro	4.19	8.6%
Municipal Solid Waste	0.36	0.7%
Total	48.46	



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

Estimated Generation Cost : 13th 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	1.48	1.48
Thermal - Coal	246.1	27.5	45.0	318.6	19.53	2.18	3.58	25.28
Thermal - Furnace Oil	74.2	9.4	51.7	135.2	45.19	5.72	31.49	82.40
Thermal - Diesel	1.1	1.5	19.8	22.3	74.45	96.81	1317.12	1488.37
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	85.22	85.22
Wind - IPP	3.7	0.0	0.0	3.7	15.32	0.00	0.00	15.32
Solar - IPP - Ground Mounted	11.3	0.0	0.0	11.3	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	56.4	0.0	0.0	56.4	13.47	0.00	0.00	13.47
Municipal Solid Waste	13.9	0.0	0.0	13.9	39.15	0.00	0.00	39.15
Total	476.9	40.2	178.8	695.9	9.84	0.83	3.69	14.36

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 :

14.36 LKR/kWh

Total Generation Cost for the day:

695.89 Mn LKR

Fuel Prices

(as at 9th Dec 2024)

	Price (LKR/Liter or LKR/kg)
Furnace	199.00
Coal	47.57
Naphtha	166.00
Auto Diesel	286.00

Scheduled (Day Ahead) Generation Mix - 13th Dec 2024 (Excluding generation from non telemetered power plants)

Plant Type	Generation (GWh)	Percentage
Major Hydro	25.0	55%
Thermal - Coal	12.9	28%
Thermal - Furnace Oil	2.7	6%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	0.0	0%
Wind - CEB	0.8	2%
Wind - IPP		
BMP	0.4	1%
Solar	0.5	1%
Mini Hydro	3.6	8%
Total	45.89	

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

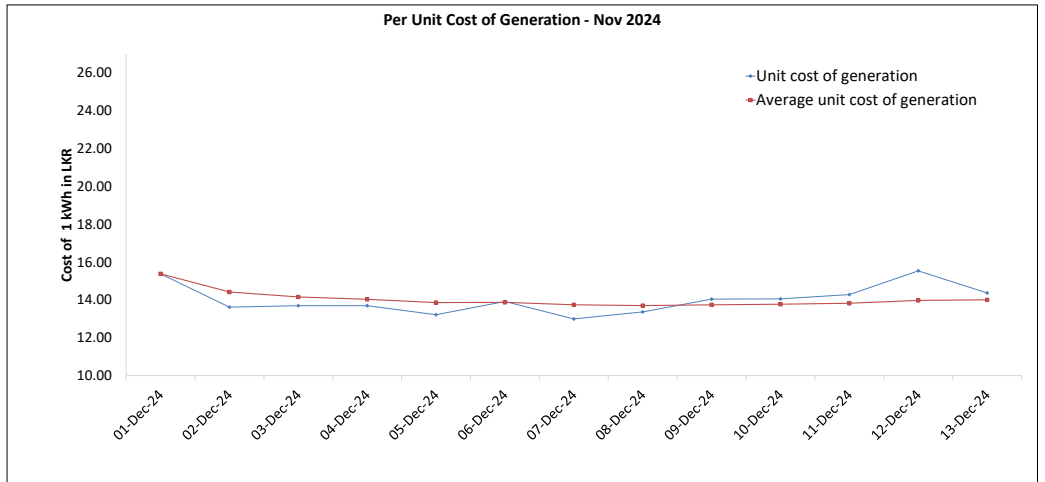
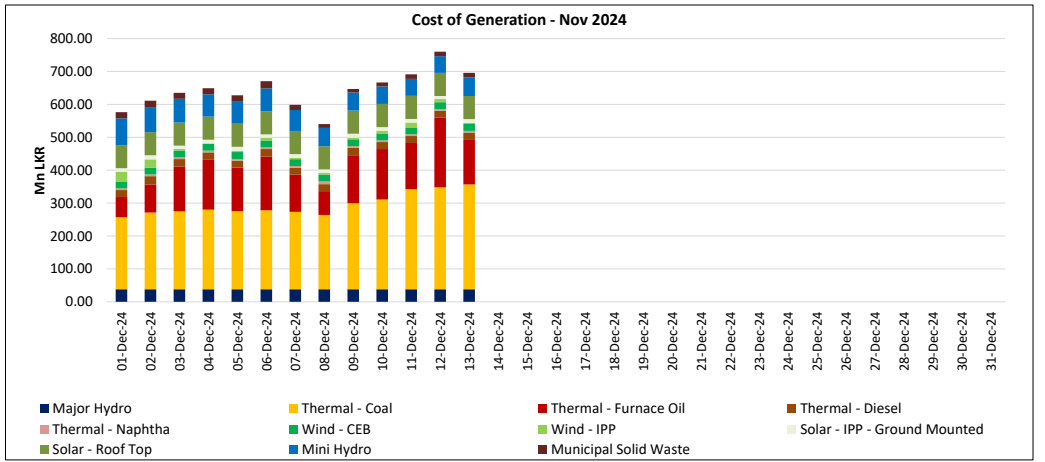
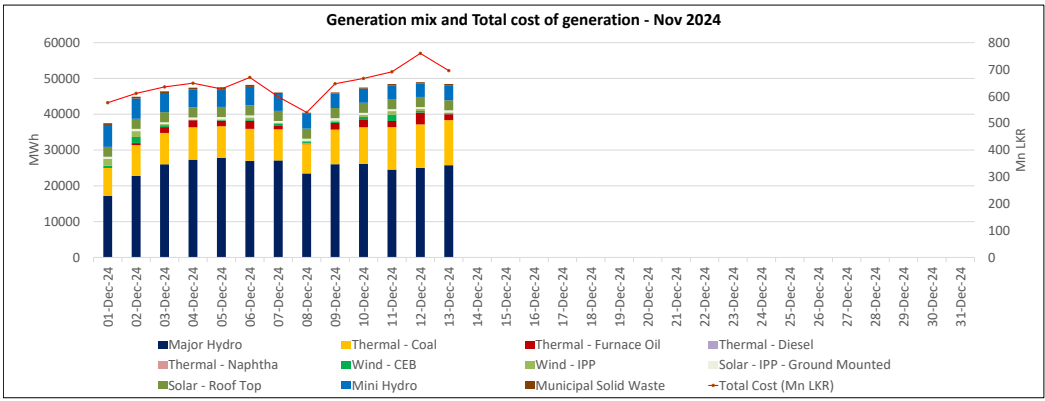
670 Mn LKR

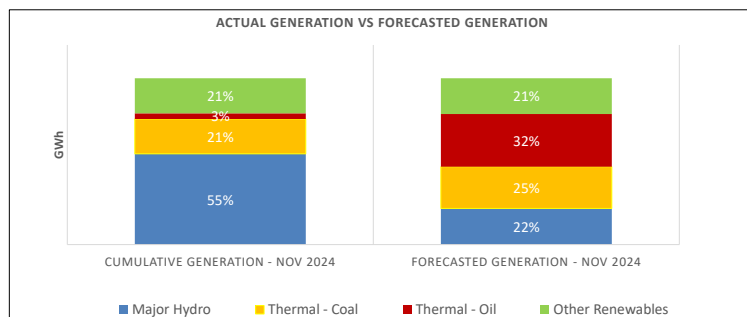
Actual Generation Mix - 13th Dec 2024 (Excluding generation from non telemetered power plants)

Plant Type	Generation (GWh)	Percentage
Major Hydro	25.8	57%
Thermal - Coal	12.6	28%
Thermal - Furnace Oil	1.6	4%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	0.0	0%
Wind - CEB	0.2	1%
Wind - IPP	0.2	1%
BMP	0.4	0.8%
Solar	0.6	1%
Mini Hydro	4.0	9%
Total	45.40	

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

622 Mn LKR





	Cumulative Generation - Nov 2024 [GWh]	Forecasted Generation - Nov 2024 [GWh]
Major Hydro	326	303
Thermal - Coal	125	350
Thermal - Oil	20	442
Other Renewables	126	300
Total	598	1394

Forecasted Generation - SDDP Nov 2024

Estimated Cost of Generation - Nov 2024 (Mn LKR)

Major Hydro	497 Mn LKR
Thermal - Coal	3,336 Mn LKR
Thermal - Furnace Oil	1,700 Mn LKR
Thermal - Diesel	287 Mn LKR
Thermal - Naphtha	71 Mn LKR
Wind - CEB	271 Mn LKR
Wind - IPP	122 Mn LKR
Solar - IPP - Ground Mounted	144 Mn LKR
Solar - Roof Top	912 Mn LKR
Mini Hydro	821 Mn LKR
Municipal Solid Waste	208 Mn LKR
Total Generation Cost	8,369 Mn LKR

Generation Energy Cost (Nov)	5,522 Mn LKR
*Generation Capacity Cost (Nov)	2,325 Mn LKR
Other Cost (Nov)	523 Mn LKR
Average Unit Cost of Generation (Nov)	14.00 LKR/kWh

Note -

* Capacity cost is based on the approved BST submission.