



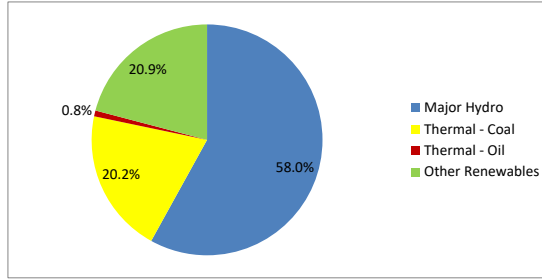
Daily Electricity Generation & Cost Estimation Report

08th December 2024



Daily Generation Mix - 08th December 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	23.46	58.0%
Thermal - Coal	8.18	20.2%
Thermal - Furnace Oil	0.25	0.6%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	0.08	0.2%
Wind - CEB	0.32	0.8%
Wind - IPP	0.35	0.9%
Solar - IPP - Ground Mounted	0.53	1.3%
Solar - Roof Top	2.82	7.0%
Mini Hydro	4.15	10.3%
Municipal Solid Waste	0.30	0.7%
Total	40.43	



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

Estimated Generation Cost : 08th 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	1.63	1.63
Thermal - Coal	153.3	27.5	45.0	225.8	18.74	3.35	5.51	27.60
Thermal - Furnace Oil	11.1	9.4	51.7	72.2	43.85	36.93	203.45	284.23
Thermal - Diesel	0.0	1.5	19.8	21.2	0.00	0.00	0.00	0.00
Thermal - Naphtha	3.4	1.9	3.3	8.6	44.74	24.93	42.38	112.04
Wind - CEB	0.0	0.0	20.9	20.9	0.00	0.00	66.28	66.28
Wind - IPP	5.3	0.0	0.0	5.3	15.32	0.00	0.00	15.32
Solar - IPP - Ground Mounted	10.2	0.0	0.0	10.2	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	55.8	0.0	0.0	55.8	13.47	0.00	0.00	13.47
Municipal Solid Waste	11.6	0.0	0.0	11.6	39.15	0.00	0.00	39.15
Total	321.1	40.2	178.8	540.1	7.94	0.99	4.42	13.36

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 :

13.36 LKR/kWh

Total Generation Cost for the day:

540.14 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 - 08th Dec 2024 (Excluding generation from non telemetered power plants)

Plant Type	Generation (GWh)	Percentage
Major Hydro	21.0	60%
Thermal - Coal	8.0	23%
Thermal - Furnace Oil	0.3	1%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	0.0	0%
Wind - CEB	0.6	2%
Wind - IPP		
BMP	0.1	0%
Solar	0.4	1%
Mini Hydro	4.5	13%
Total	34.97	

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

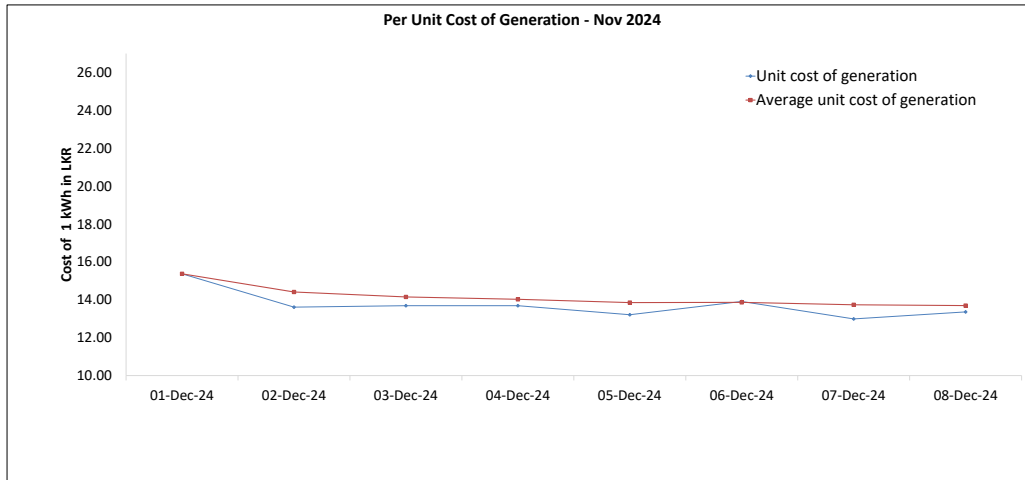
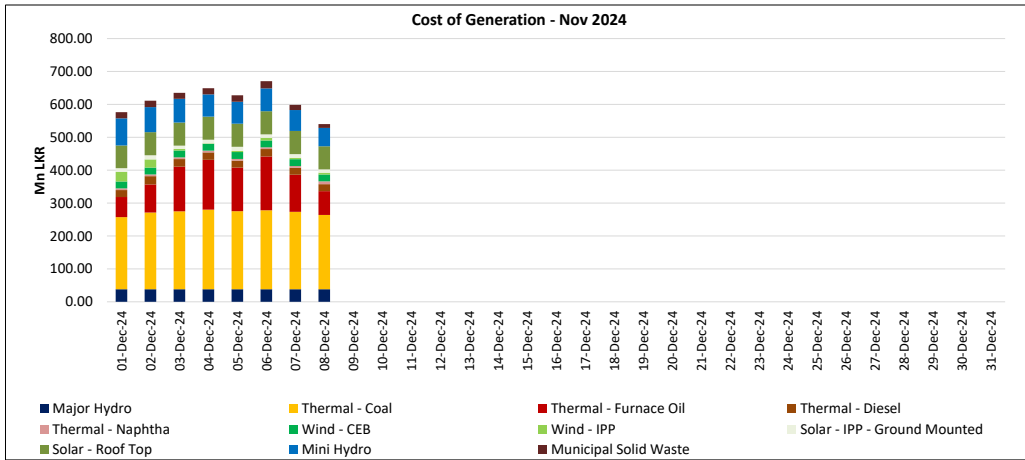
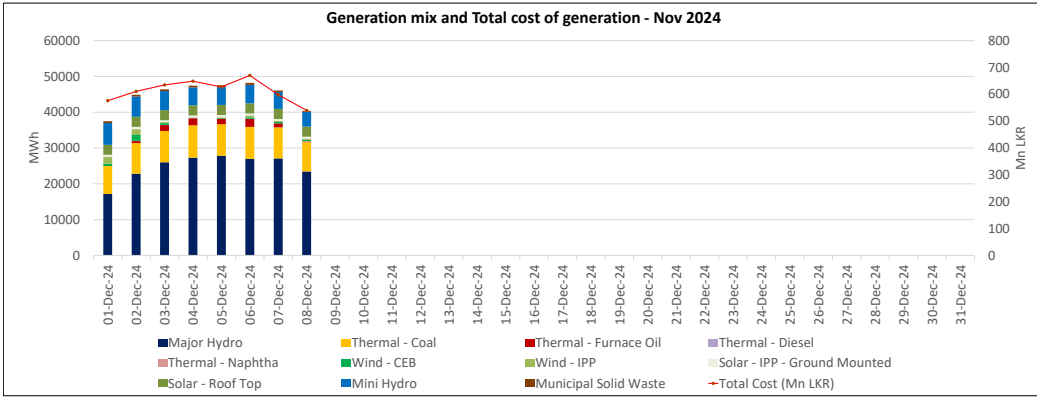
462 Mn LKR

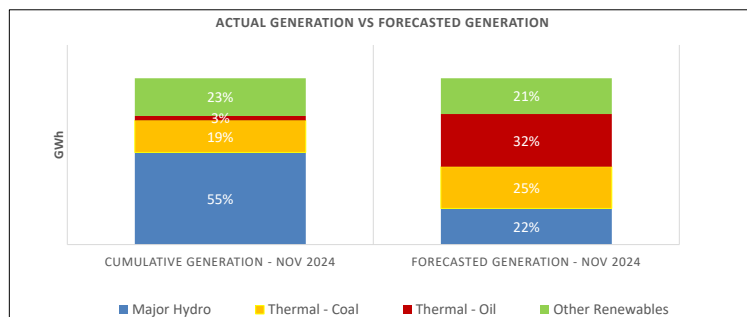
Actual Generation Mix - 08th Dec 2024 (Excluding generation from non telemetered power plants)

Plant Type	Generation (GWh)	Percentage
Major Hydro	23.5	63%
Thermal - Coal	8.2	22%
Thermal - Furnace Oil	0.3	1%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	0.1	0%
Wind - CEB	0.3	1%
Wind - IPP	0.3	1%
BMP	0.3	0.8%
Solar	0.5	1%
Mini Hydro	3.9	10%
Total	37.37	

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

467 Mn LKR





	Cumulative Generation - Nov 2024 [GWh]	Forecasted Generation - Nov 2024 [GWh]
Major Hydro	199	303
Thermal - Coal	69	350
Thermal - Oil	10	442
Other Renewables	81	300
Total	358	1394

Forecasted Generation - SDDP Nov 2024

Estimated Cost of Generation - Nov 2024 (Mn LKR)

Major Hydro	306 Mn LKR
Thermal - Coal	1,869 Mn LKR
Thermal - Furnace Oil	915 Mn LKR
Thermal - Diesel	178 Mn LKR
Thermal - Naphtha	45 Mn LKR
Wind - CEB	167 Mn LKR
Wind - IPP	81 Mn LKR
Solar - IPP - Ground Mounted	90 Mn LKR
Solar - Roof Top	561 Mn LKR
Mini Hydro	554 Mn LKR
Municipal Solid Waste	144 Mn LKR
Total Generation Cost	4,908 Mn LKR

Generation Energy Cost (Nov)	3,156 Mn LKR
*Generation Capacity Cost (Nov)	1,431 Mn LKR
Other Cost (Nov)	322 Mn LKR
Average Unit Cost of Generation (Nov)	13.70 LKR/kWh

Note -

* Capacity cost is based on the approved BST submission.