



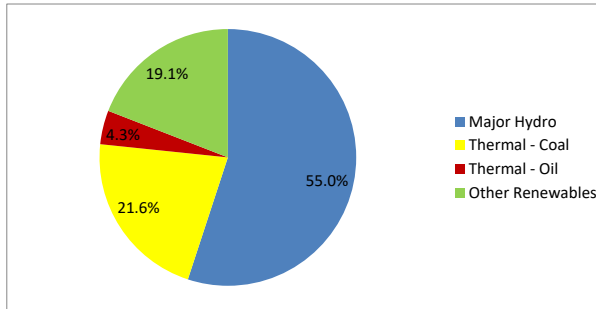
Daily Electricity Generation & Cost Estimation Report

10th December 2024



Daily Generation Mix - 10th December 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	26.12	55.0%
Thermal - Coal	10.25	21.6%
Thermal - Furnace Oil	2.02	4.3%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	0.00	0.0%
Wind - CEB	0.86	1.8%
Wind - IPP	0.56	1.2%
Solar - IPP - Ground Mounted	0.58	1.2%
Solar - Roof Top	2.82	5.9%
Mini Hydro	3.94	8.3%
Municipal Solid Waste	0.31	0.7%
Total	47.46	



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

Estimated Generation Cost : 10th 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	1.46	1.46
Thermal - Coal	200.2	27.5	45.0	272.7	19.53	2.68	4.39	26.60
Thermal - Furnace Oil	92.2	9.4	51.7	153.3	45.60	4.64	25.54	75.78
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	24.33	24.33
Wind - IPP	8.5	0.0	0.0	8.5	15.32	0.00	0.00	15.32
Solar - IPP - Ground Mounted	11.1	0.0	0.0	11.1	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	53.1	0.0	0.0	53.1	13.47	0.00	0.00	13.47
Municipal Solid Waste	12.2	0.0	0.0	12.2	39.15	0.00	0.00	39.15
Total	447.6	40.2	178.8	666.6	9.43	0.85	3.77	14.05

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 :

14.05 LKR/kWh

Total Generation Cost for the day:

666.60 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 - 10th Dec 2024 (Excluding generation from non telemetered power plants)

Plant Type	Generation (GWh)	Percentage
Major Hydro	26.2	59%
Thermal - Coal	10.8	24%
Thermal - Furnace Oil	2.1	5%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	0.1	0%
Wind - CEB	0.6	1%
Wind - IPP	0.3	1%
BMP	0.3	1%
Solar	0.4	1%
Mini Hydro	3.9	9%
Total	44.42	

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

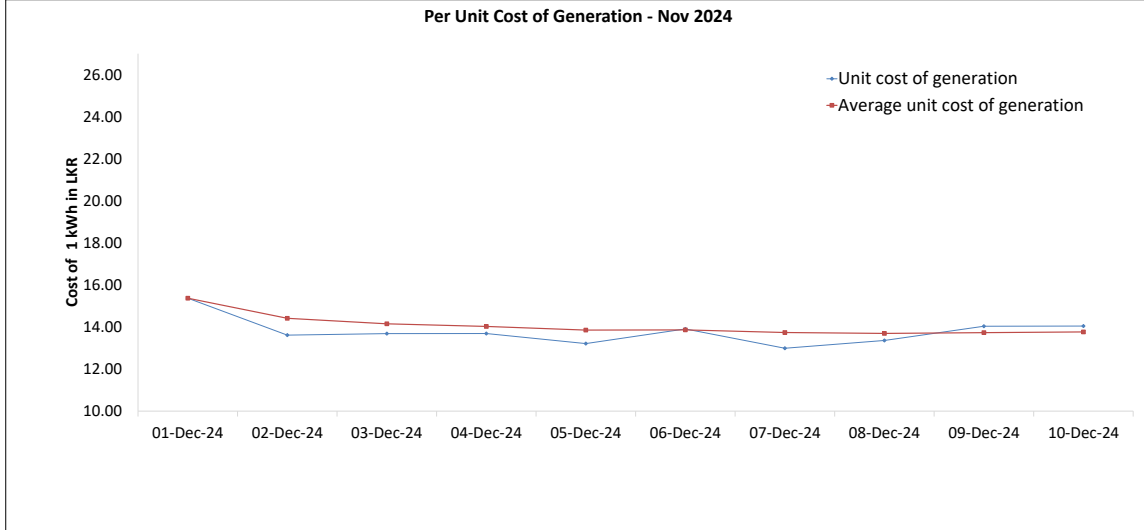
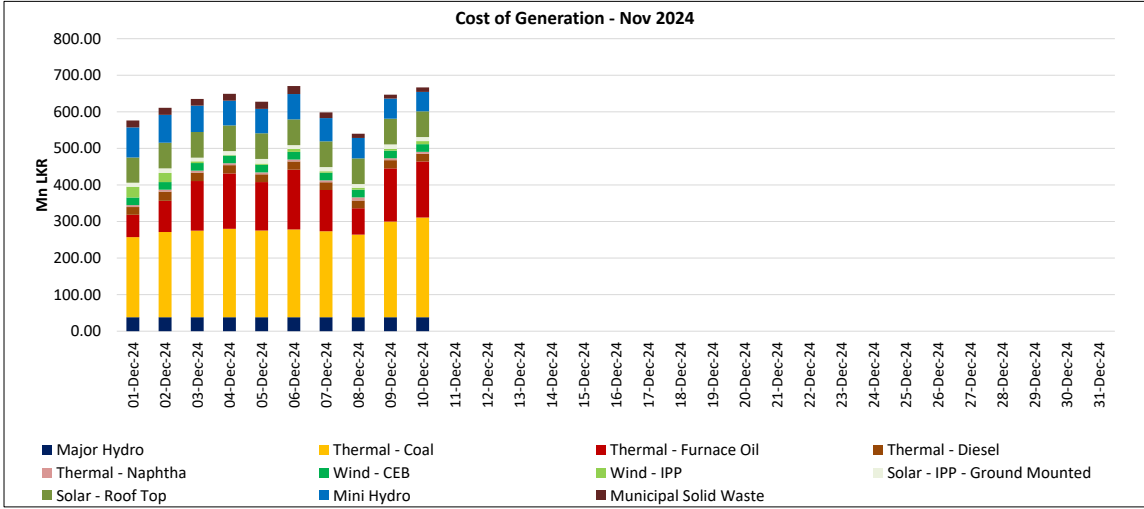
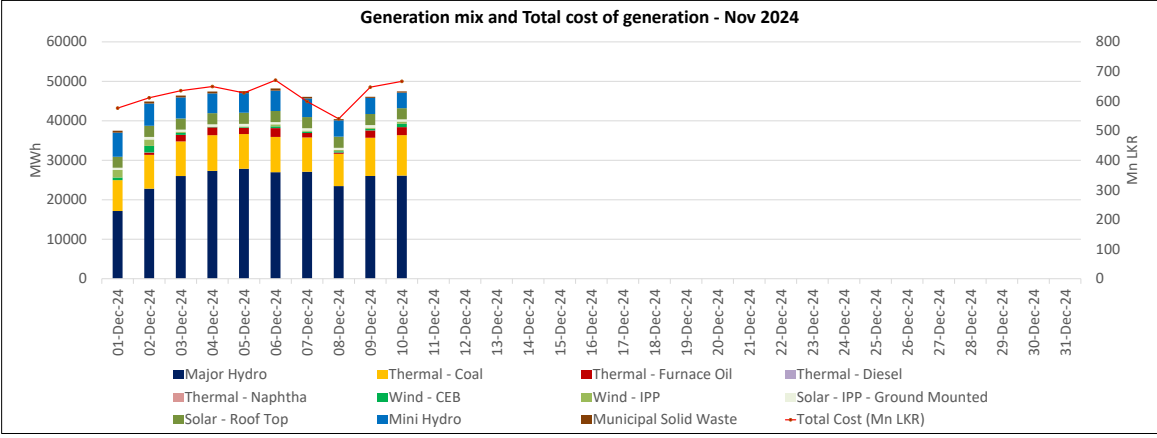
Plant Type	Generation (GWh)	Percentage
Major Hydro	26.1	59%
Thermal - Coal	10.3	23%
Thermal - Furnace Oil	2.0	5%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	0.0	0%
Wind - CEB	0.9	2%
Wind - IPP	0.6	1%
BMP	0.3	0.7%
Solar	0.6	1%
Mini Hydro	3.7	8%
Total	44.42	

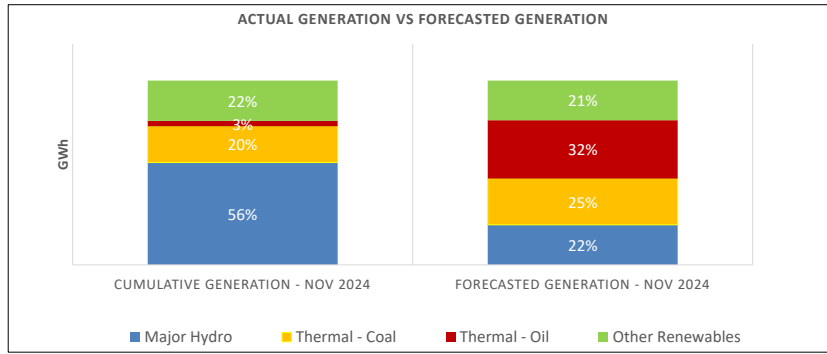
Estimated Generation Cost for the Scheduled Dispatch (Excluding non telemetered NCRE plants)

607 Mn LKR

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

593 Mn LKR





	Cumulative Generation - Nov 2024 [GWh]	Forecasted Generation - Nov 2024 [GWh]
Major Hydro	251	303
Thermal - Coal	89	350
Thermal - Oil	13	442
Other Renewables	99	300
Total	452	1394

Forecasted Generation - SDDP Nov 2024

Estimated Cost of Generation - Nov 2024 (Mn LKR)

Major Hydro	382 Mn LKR
Thermal - Coal	2,403 Mn LKR
Thermal - Furnace Oil	1,213 Mn LKR
Thermal - Diesel	222 Mn LKR
Thermal - Naphtha	55 Mn LKR
Wind - CEB	209 Mn LKR
Wind - IPP	94 Mn LKR
Solar - IPP - Ground Mounted	113 Mn LKR
Solar - Roof Top	701 Mn LKR
Mini Hydro	662 Mn LKR
Municipal Solid Waste	167 Mn LKR
Total Generation Cost	6,222 Mn LKR

Generation Energy Cost (Nov)	4,032 Mn LKR
*Generation Capacity Cost (Nov)	1,788 Mn LKR
Other Cost (Nov)	402 Mn LKR

Average Unit Cost of Generation (Nov)	13.77 LKR/kWh
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Note -

* Capacity cost is based on the approved BST submission.