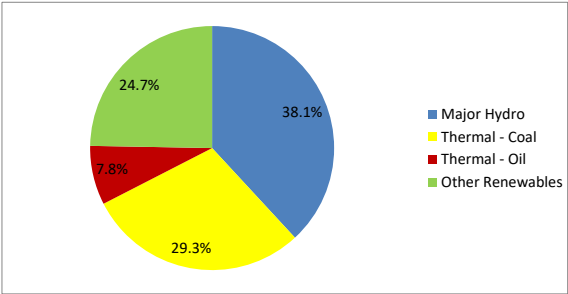


Daily Electricity Generation & Cost Estimation Report

9th November 2024

Daily Generation Mix -9th Nov 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	16.66	38.1%
Thermal - Coal	12.82	29.3%
Thermal - Furnace Oil	0.56	1.3%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	2.87	6.6%
Wind - CEB	0.76	1.7%
Wind - IPP	0.53	1.2%
Solar - IPP - Ground Mounted	0.59	1.4%
Solar - Roof Top	2.77	6.3%
Mini Hydro	5.61	12.8%
Municipal Solid Waste	0.54	1.2%
Total	43.71	



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

Estimated Generation Cost : 9th 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	2.34	2.34
Thermal - Coal	228.8	28.4	46.3	303.5	17.85	2.21	3.61	23.67
Thermal - Furnace Oil	24.3	9.7	51.9	85.9	43.62	17.40	93.25	154.27
Thermal - Diesel	0.0	1.5	20.0	21.5	0.00	0.00	0.00	0.00
Thermal - Naphtha	128.3	2.0	3.3	133.5	44.74	0.69	1.15	46.58
Wind - CEB	0.0	0.0	21.6	21.6	0.00	0.00	28.37	28.37
Wind - IPP	8.5	0.0	0.0	8.5	16.15	0.00	0.00	16.15
Solar - IPP - Ground Mounted	11.6	0.0	0.0	11.6	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	76.2	0.0	0.0	76.2	13.59	0.00	0.00	13.59
Municipal Solid Waste	21.1	0.0	0.0	21.1	39.00	0.00	0.00	39.00
Total	567.9	41.5	182.2	791.6	12.99	0.95	4.17	18.11

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 : 18.11 LKR/kWh
Total Generation Cost for the day: 791.60 Mn LKR

Fuel Prices

(as at 17th Oct 2024)

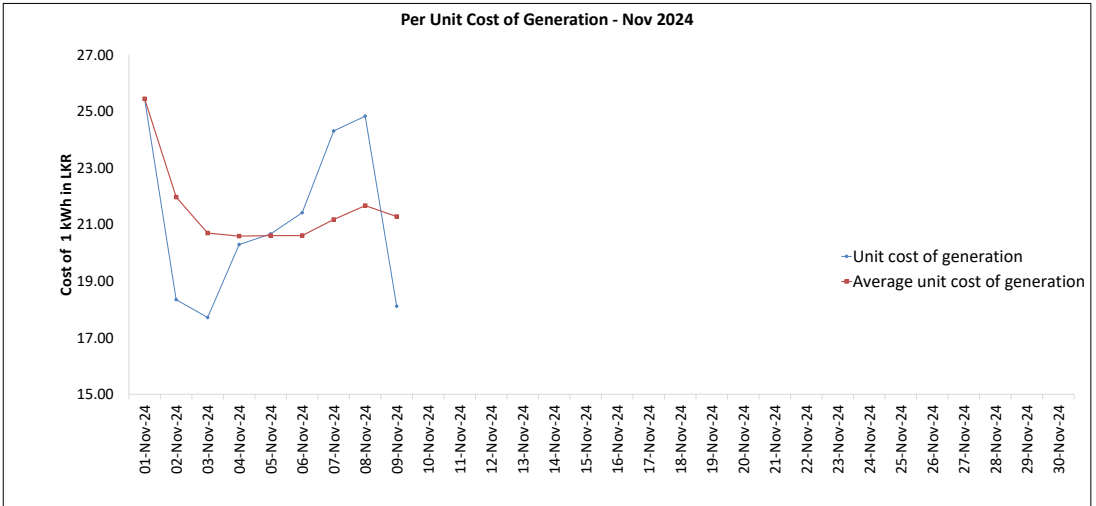
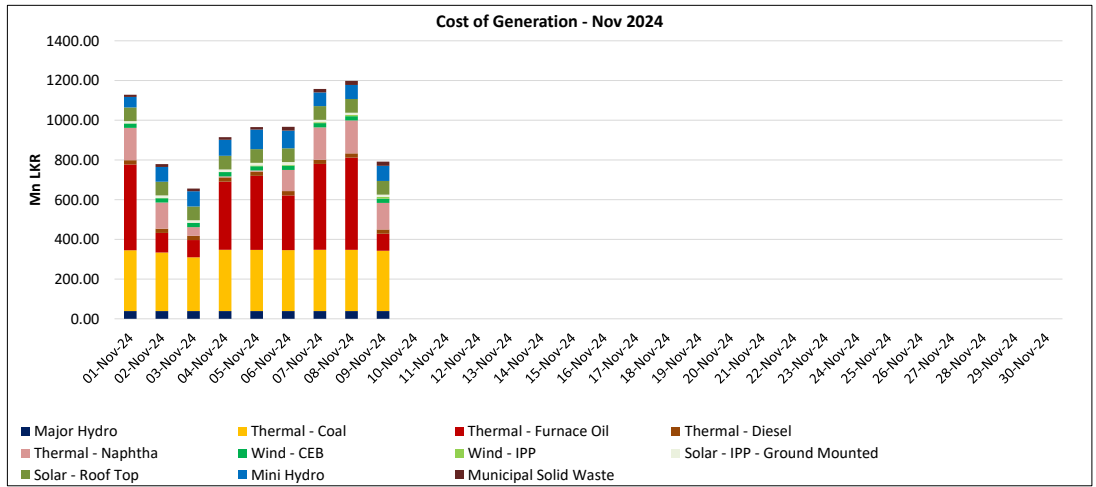
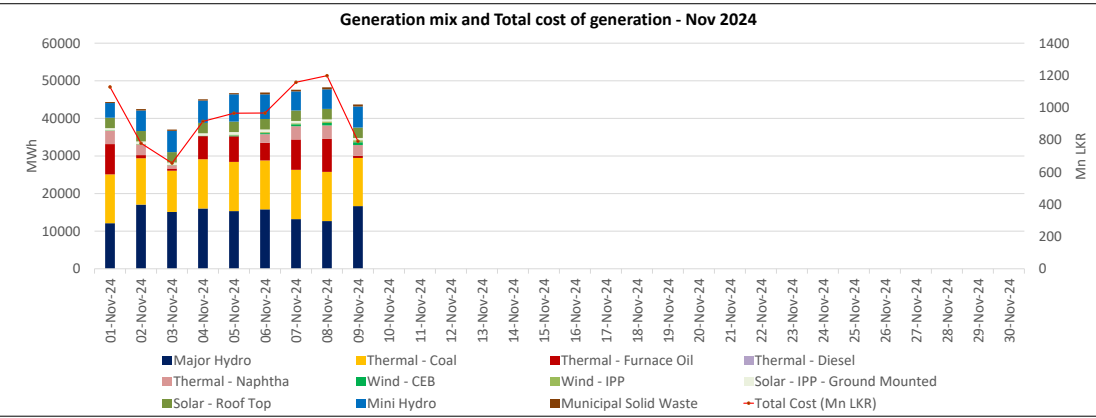
	Price (LKR/Liter or LKR/kg)
Furnace	199.00
Coal	43.47
Naphtha	166.00
Auto Diesel	283.00

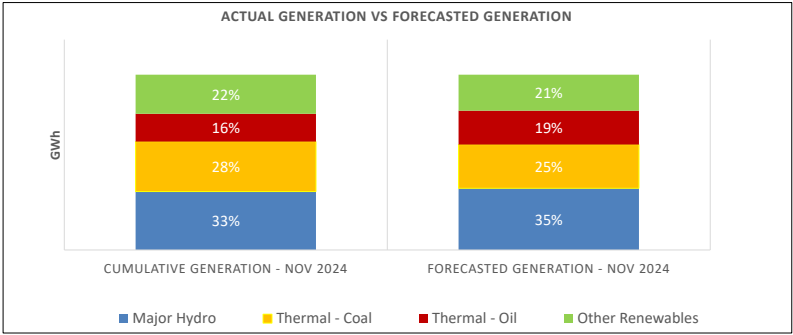
Scheduled (Day Ahead) Generation Mix - 9th Nov 2024 (Excluding generation from non telemetered power plants)		
Plant Type	Generation (GWh)	Percentage
Major Hydro	12.2	29%
Thermal - Coal	13.0	31%
Thermal - Furnace Oil	6.6	16%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	3.6	9%
Wind - CEB	0.8	2%
Wind - IPP		
BMP	0.4	1%
Solar	0.5	1%
Mini Hydro	4.8	11%
Total	42.02	

Estimated Generation Cost for the Scheduled Dispatch (Excluding non telemetered NCRE plants) 1,017 Mn LKR

Actual Generation Mix - 9th Nov 2024 (Excluding generation from non telemetered power plants)		
Plant Type	Generation (GWh)	Percentage
Major Hydro	16.7	41%
Thermal - Coal	12.8	32%
Thermal - Furnace Oil	0.6	1%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	2.9	7%
Wind - CEB	0.8	2%
Wind - IPP	0.5	1%
BMP	0.5	1.3%
Solar	0.6	1%
Mini Hydro	5.3	13%
Total	40.62	

Estimated Generation Cost for the Actual Dispatch (Excluding non telemetered NCRE plants) 718 Mn LKR





	Cumulative Generation - Nov 2024 [GWh]	Forecasted Generation - Nov 2024 [GWh]
Major Hydro	134	478
Thermal - Coal	114	338
Thermal - Oil	64	263
Other Renewables	90	278
Total	402	1357

Forecasted Generation - SDDP Oct 2024

Estimated Cost of Generation - Nov 2024 (Mn LKR)

Major Hydro	352 Mn LKR
Thermal - Coal	2,715 Mn LKR
Thermal - Furnace Oil	2,592 Mn LKR
Thermal - Diesel	193 Mn LKR
Thermal - Naphtha	917 Mn LKR
Wind - CEB	194 Mn LKR
Wind - IPP	33 Mn LKR
Solar - IPP - Ground Mounted	109 Mn LKR
Solar - Roof Top	621 Mn LKR
Mini Hydro	689 Mn LKR
Municipal Solid Waste	143 Mn LKR
Total Generation Cost	8,558 Mn LKR

Generation Energy Cost (Nov)	6,468 Mn LKR
*Generation Capacity Cost (Nov)	1,640 Mn LKR
Other Cost (Nov)	374 Mn LKR

Average Unit Cost of Generation (Nov)	21.28 LKR/kWh
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Note -

* Capacity cost is based on the approved BST submission.