



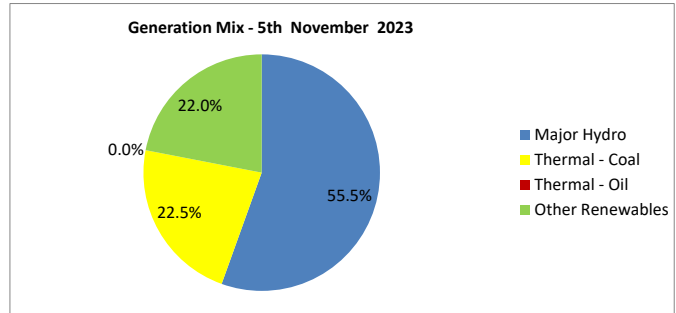
Daily Electricity Generation & Cost Estimation Report

5th November 2023



Daily Generation Mix - 5th November 2023

Plant Type	Generation (GWh)	Percentage
Major Hydro	19.01	55.5%
Thermal - Coal	7.72	22.5%
Thermal - Furnace Oil	0.00	0.0%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	0.00	0.0%
Wind - CEB	0.05	0.1%
Wind - IPP	0.10	0.3%
Solar - IPP - Ground Mounted	0.57	1.7%
Solar - Roof Top	1.64	4.8%
Mini Hydro	4.87	14.2%
Municipal Solid Waste	0.30	0.9%
Total	34.26	



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 November 2023

Plant Type	Energy Cost (LKR Mn)	Non Fuel Energy Cost (LKR Mn)	Capacity Cost (LKR Mn)	Total Cost of Generation (LKR Mn)	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	61.6	61.6	0.00	0.00	3.24	3.24
Thermal - Coal	169.9	8.5	68.3	246.6	22.00	1.09	8.84	31.93
Thermal - Furnace Oil	0.0	6.2	61.6	67.8	0.00	0.00	0.00	0.00
Thermal - Diesel	0.0	1.9	15.3	17.2	0.00	0.00	0.00	0.00
Thermal - Naphtha	0.0	1.2	5.5	6.7	0.00	0.00	0.00	0.00
Wind - CEB	0.0	0.0	6.1	6.1	0.00	0.00	136.22	136.22
Wind - IPP	1.3	0.0	0.0	1.3	13.99	0.00	0.00	13.99
Solar - IPP - Ground Mounted	11.1	0.0	0.0	11.1	19.43	0.00	0.00	19.43
Solar - Roof Top	39.3	0.0	0.0	39.3	23.99	0.00	0.00	23.99
Mini Hydro	66.6	0.0	0.0	66.6	13.67	0.00	0.00	13.67
Municipal Solid Waste	10.3	0.0	0.0	10.3	34.58	0.00	0.00	34.58
Total	298.6	17.7	218.4	534.6	8.72	0.52	6.38	15.61

Note -

Start/Stop costs has been excluded in the calculation

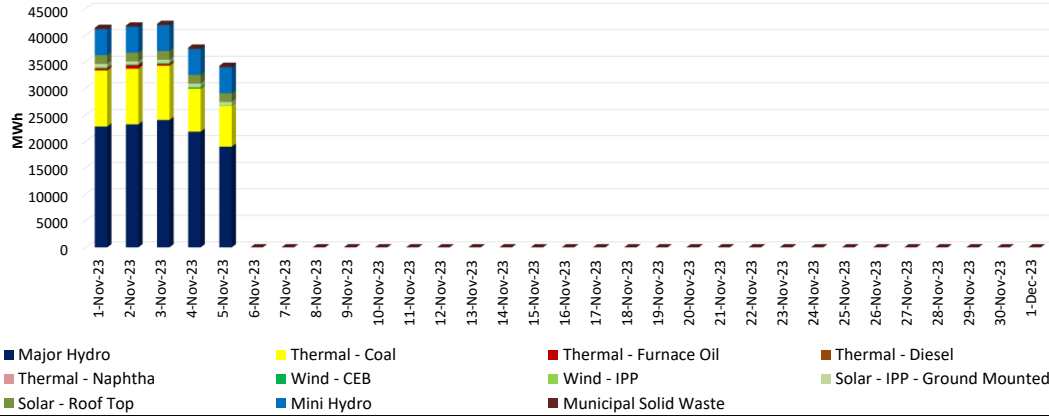
Unit Cost of Generation for the day : **15.61** LKR/kWh
 Total Generation Cost for the day: **534.6** Mn LKR

Fuel Prices

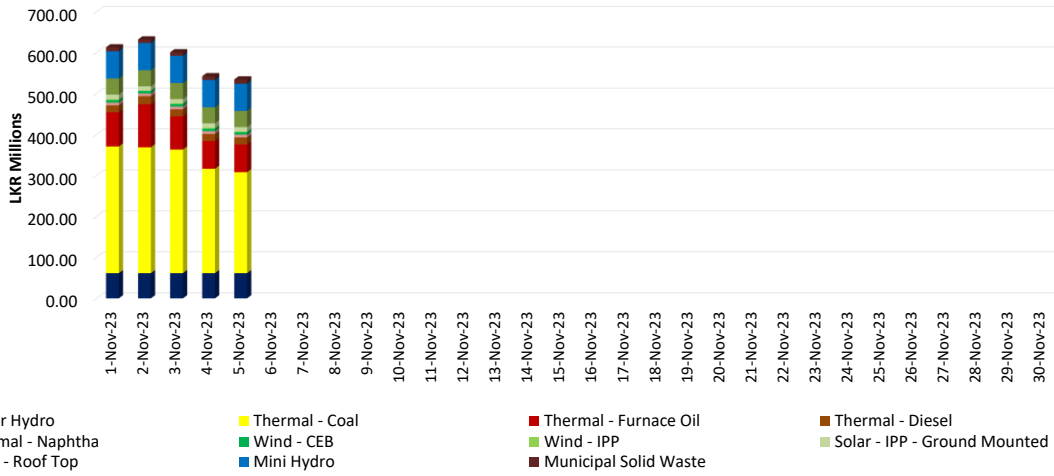
(as at 1st Nov 2023)

	Price (LKR/Liter or LKR/kg)
Furnace	205.00
Coal	53.58
Naphtha	161.00
Auto Diesel	356.00

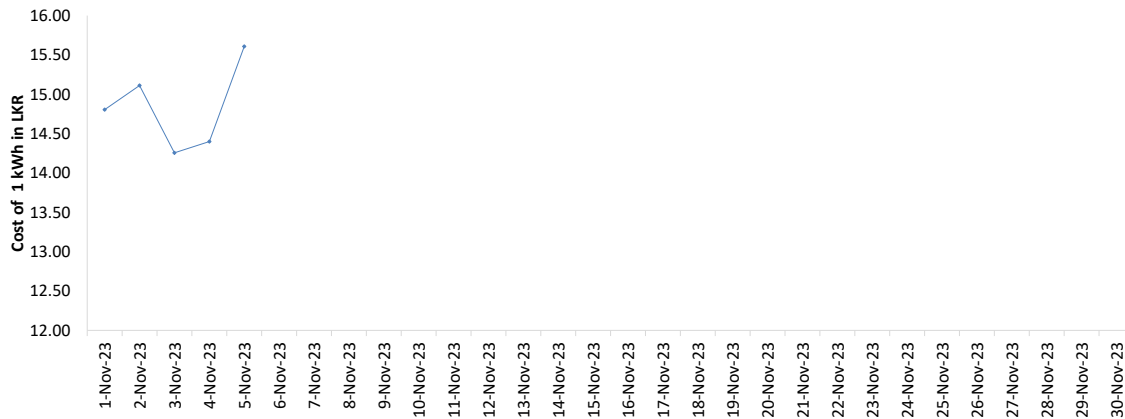
Generation Mix -November 2023

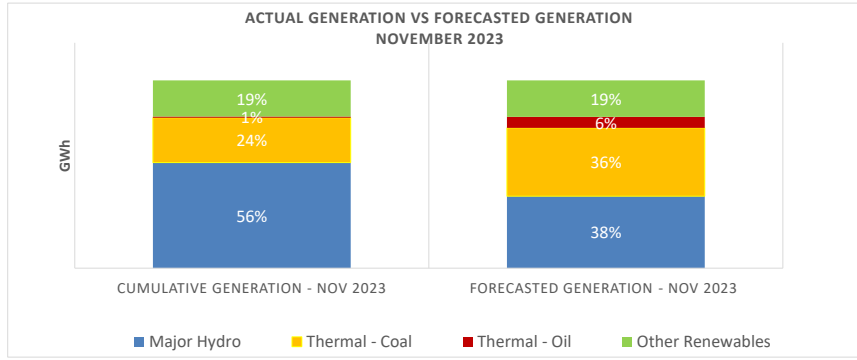


Cost of Generation -November 2023



Per Unit Cost of Generation - November 2023





	Cumulative Generation - November 2023 [GWh]	Forecasted Generation - November 2023 [GWh]
Major Hydro	111	477
Thermal - Coal	47	452
Thermal - Oil	1	73
Other Renewables	38	241
Total	197	1242

Forecasted Generation was taken from the results of SDDP November 2023

Estimated Cost of Generation - November 2023 (Mn LKR)

Major Hydro	307.82 Mn LKR
Thermal - Coal	1420.09 Mn LKR
Thermal - Furnace Oil	404.96 Mn LKR
Thermal - Diesel	88.65 Mn LKR
Thermal - Naphtha	33.50 Mn LKR
Wind - CEB	30.65 Mn LKR
Wind - IPP	8.65 Mn LKR
Solar - IPP - Ground Mounted	53.84 Mn LKR
Solar - Roof Top	196.71 Mn LKR
Mini Hydro	332.86 Mn LKR
Municipal Solid Waste	45.78 Mn LKR
Total Generation Cost (Nov)	2,923.51 Mn LKR
Average Unit Cost of Generation (Nov)	14.81 LKR/kWh