



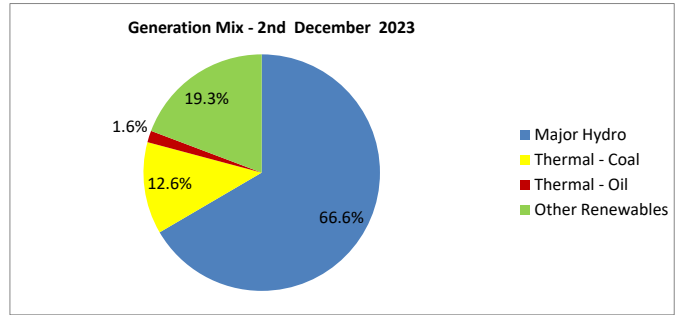
Daily Electricity Generation & Cost Estimation Report

2nd December 2023



Daily Generation Mix - 2nd December 2023

Plant Type	Generation (GWh)	Percentage
Major Hydro	25.55	66.6%
Thermal - Coal	4.83	12.6%
Thermal - Furnace Oil	0.60	1.6%
Thermal - Diesel	0.02	0.0%
Thermal - Naphtha	0.00	0.0%
Wind - CEB	0.76	2.0%
Wind - IPP	0.71	1.8%
Solar - IPP - Ground Mounted	0.44	1.1%
Solar - Roof Top	1.54	4.0%
Mini Hydro	3.57	9.3%
Municipal Solid Waste	0.38	1.0%
Total	38.38	



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

Estimated Generation Cost : 2nd December 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	2.41	2.41
Thermal - Coal	100.0	8.5	68.3	176.7	20.71	1.75	14.14	36.60
Thermal - Furnace Oil	28.6	6.2	62.9	97.6	47.99	10.39	105.64	164.02
Thermal - Diesel	1.4	1.9	16.5	19.7	85.65	116.99	1028.61	1231.25
Thermal - Naphtha	0.0	1.2	6.7	7.9	0.00	0.00	0.00	0.00
Wind - CEB	0.0	0.0	6.1	6.1	0.00	0.00	8.05	8.05
Wind - IPP	9.9	0.0	0.0	9.9	13.95	0.00	0.00	13.95
Solar - IPP - Ground Mounted	8.3	0.0	0.0	8.3	19.02	0.00	0.00	19.02
Solar - Roof Top	37.6	0.0	0.0	37.6	24.41	0.00	0.00	24.41
Mini Hydro	51.0	0.0	0.0	51.0	14.28	0.00	0.00	14.28
Municipal Solid Waste	13.0	0.0	0.0	13.0	34.58	0.00	0.00	34.58
Total	249.7	17.7	222.0	489.4	6.51	0.46	5.78	12.75

Note -

Start/Stop costs has been excluded in the calculation

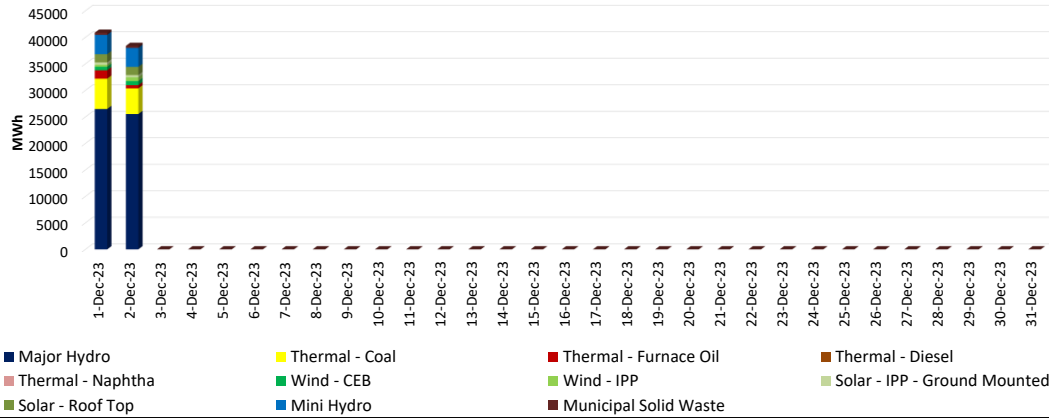
Unit Cost of Generation for the day : **12.75** LKR/kWh
 Total Generation Cost for the day: **489.4** Mn LKR

Fuel Prices

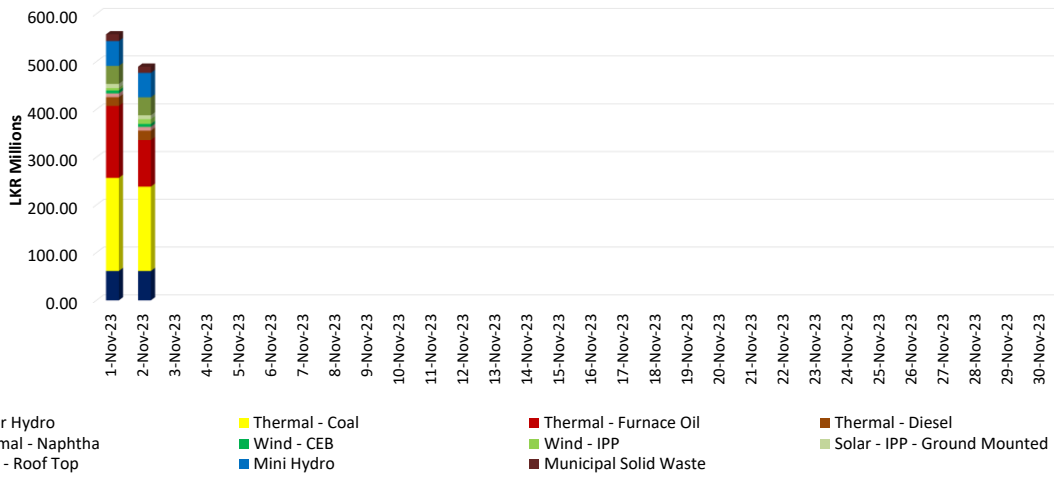
(as at 1st Dec 2023)

	Price (LKR/Liter or LKR/kg)
Furnace	205.00
Coal	50.45
Naphtha	161.00
Auto Diesel	329.00

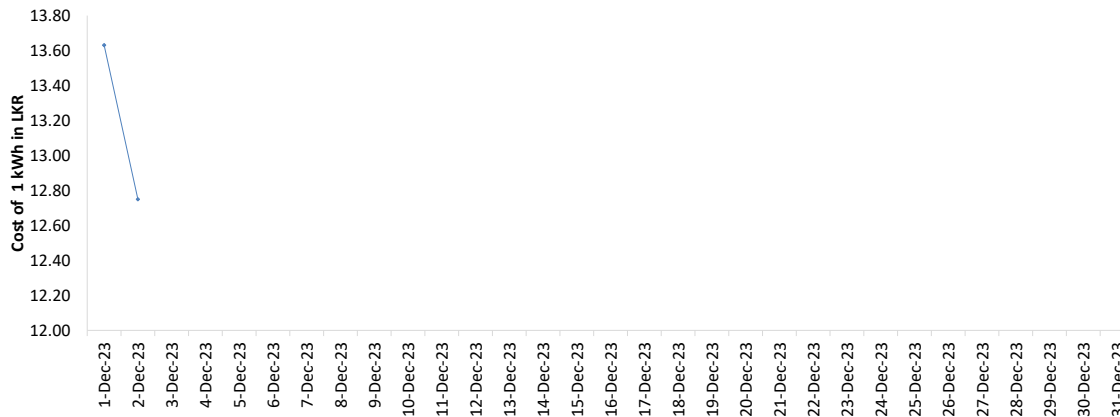
Generation Mix -December 2023

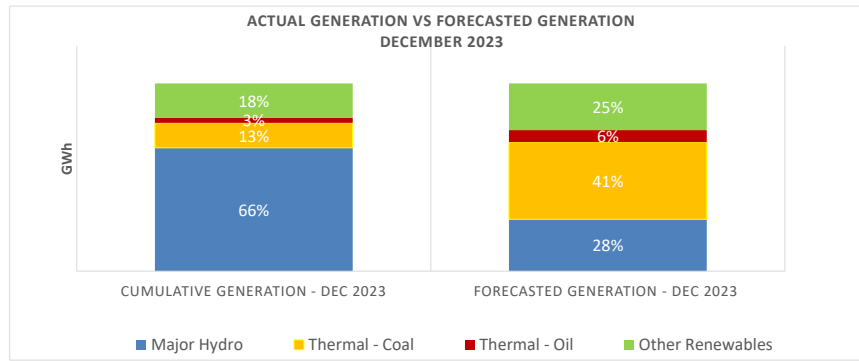


Cost of Generation -December 2023



Per Unit Cost of Generation - December 2023





	Cumulative Generation - December 2023 [GWh]	Forecasted Generation - December 2023 [GWh]
Major Hydro	52	353
Thermal - Coal	11	524
Thermal - Oil	2	81
Other Renewables	14	317
Total	79	1276

Forecasted Generation - SDDP November 2023

Estimated Cost of Generation - December 2023 (Mn LKR)

Major Hydro	123.13 Mn LKR
Thermal - Coal	371.81 Mn LKR
Thermal - Furnace Oil	248.17 Mn LKR
Thermal - Diesel	38.03 Mn LKR
Thermal - Naphtha	15.78 Mn LKR
Wind - CEB	12.26 Mn LKR
Wind - IPP	14.93 Mn LKR
Solar - IPP - Ground Mounted	17.04 Mn LKR
Solar - Roof Top	75.20 Mn LKR
Mini Hydro	102.93 Mn LKR
Municipal Solid Waste	27.18 Mn LKR
Total Generation Cost (Dec)	1,046.46 Mn LKR
Average Unit Cost of Generation (Dec)	13.20 LKR/kWh