



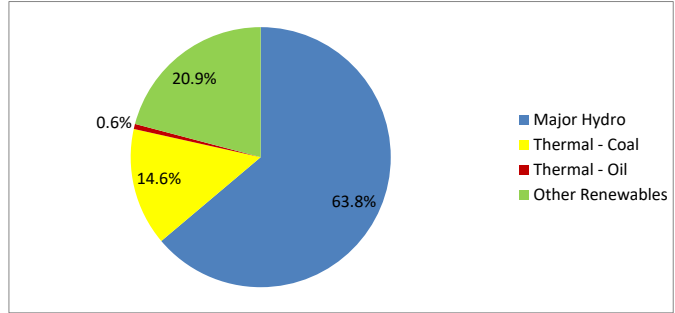
Daily Electricity Generation & Cost Estimation Report

7th January 2024



Daily Generation Mix - 7th January 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	22.76	63.8%
Thermal - Coal	5.22	14.6%
Thermal - Furnace Oil	0.23	0.6%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	0.00	0.0%
Wind - CEB	0.61	1.7%
Wind - IPP	0.27	0.8%
Solar - IPP - Ground Mounted	0.56	1.6%
Solar - Roof Top	1.65	4.6%
Mini Hydro	3.93	11.0%
Municipal Solid Waste	0.42	1.2%
Total	35.65	



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

Estimated Generation Cost : 7th January 2024

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	99.5	99.5	0.00	0.00	4.37	4.37
Thermal - Coal	107.4	27.5	134.6	269.5	20.59	5.26	25.79	51.64
Thermal - Furnace Oil	10.2	14.7	76.0	100.9	45.34	65.28	337.89	448.52
Thermal - Diesel	0.0	3.0	28.7	31.7	0.00	0.00	0.00	0.00
Thermal - Naphtha	0.0	1.9	11.8	13.7	0.00	0.00	0.00	0.00
Wind - CEB	0.0	0.0	17.6	17.6	0.00	0.00	28.71	28.71
Wind - IPP	3.7	0.0	0.0	3.7	13.75	0.00	0.00	13.75
Solar - IPP - Ground Mounted	11.1	0.0	0.0	11.1	19.67	0.00	0.00	19.67
Solar - Roof Top	40.6	0.0	0.0	40.6	24.59	0.00	0.00	24.59
Mini Hydro	56.1	0.0	0.0	56.1	14.27	0.00	0.00	14.27
Municipal Solid Waste	14.7	0.0	0.0	14.7	35.02	0.00	0.00	35.02
Total	243.8	47.0	368.1	659.0	6.84	1.32	10.33	18.48

Note -

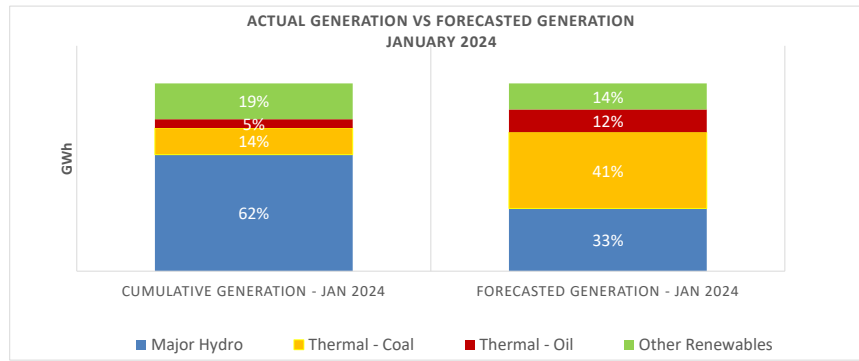
Start/Stop costs has been excluded in the calculation

Unit Cost of Generation for the day : **18.48** LKR/kWh
 Total Generation Cost for the day: **659.0** Mn LKR

Fuel Prices

(as at 1st Jan 2023)

	Price (LKR/Liter or LKR/kg)
Furnace	205.00
Coal	50.15
Naphtha	163.00
Auto Diesel	358.00



	Cumulative Generation - January 2024 [GWh]	Forecasted Generation - January 2024 [GWh]
Major Hydro	178	432
Thermal - Coal	41	524
Thermal - Oil	13	157
Other Renewables	55	179
Total	286	1293

Forecasted Generation - SDDP December 2023

Estimated Cost of Generation - January 2024 (Mn LKR)

Major Hydro	696.22 Mn LKR
Thermal - Coal	1969.58 Mn LKR
Thermal - Furnace Oil	1382.47 Mn LKR
Thermal - Diesel	222.39 Mn LKR
Thermal - Naphtha	96.19 Mn LKR
Wind - CEB	122.98 Mn LKR
Wind - IPP	40.93 Mn LKR
Solar - IPP - Ground Mounted	75.75 Mn LKR
Solar - Roof Top	284.06 Mn LKR
Mini Hydro	423.84 Mn LKR
Municipal Solid Waste	75.02 Mn LKR
Total Generation Cost (Jan)	5,389.43 Mn LKR
Average Unit Cost of Generation (Jan)	18.84 LKR/kWh