



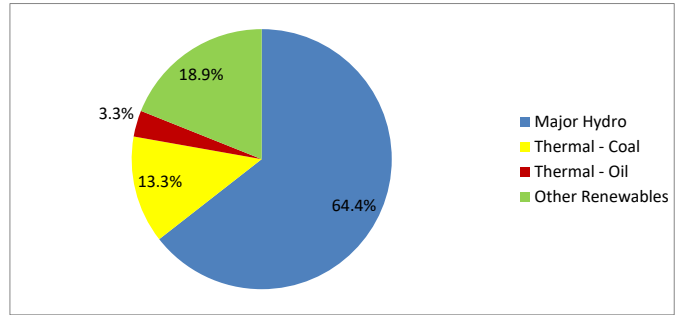
Daily Electricity Generation & Cost Estimation Report

6th January 2024



Daily Generation Mix - 6th January 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	26.47	64.4%
Thermal - Coal	5.48	13.3%
Thermal - Furnace Oil	1.34	3.3%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	0.00	0.0%
Wind - CEB	0.42	1.0%
Wind - IPP	0.31	0.8%
Solar - IPP - Ground Mounted	0.61	1.5%
Solar - Roof Top	1.65	4.0%
Mini Hydro	4.33	10.5%
Municipal Solid Waste	0.47	1.1%
Total	41.07	



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

Estimated Generation Cost : 6th 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	3.76	3.76
Thermal - Coal	112.8	27.5	134.6	274.8	20.59	5.01	24.56	50.16
Thermal - Furnace Oil	76.7	14.7	76.0	167.4	57.30	10.97	56.78	125.05
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	42.33	42.33
Wind - IPP	4.3	0.0	0.0	4.3	13.75	0.00	0.00	13.75
Solar - IPP - Ground Mounted	11.9	0.0	0.0	11.9	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	61.8	0.0	0.0	61.8	14.27	0.00	0.00	14.27
Municipal Solid Waste	16.5	0.0	0.0	16.5	35.02	0.00	0.00	35.02
Total	324.6	47.0	368.1	739.7	7.90	1.15	8.96	18.01

Note -

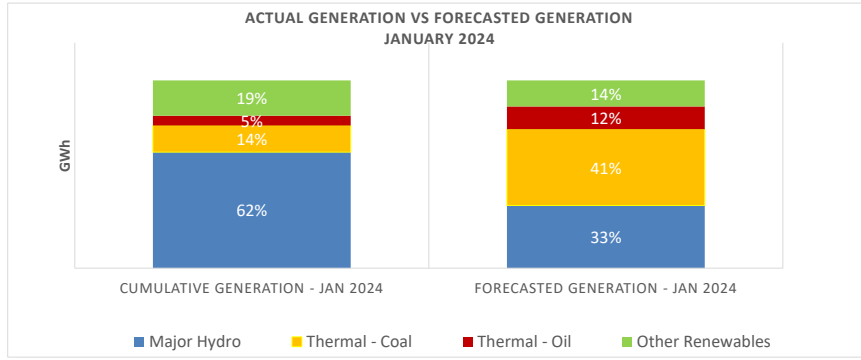
Start/Stop costs has been excluded in the calculation

Unit Cost of Generation for the day : 18.01 LKR/kWh
Total Generation Cost for the day: 739.7 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	155	432
Thermal - Coal	35	524
Thermal - Oil	13	157
Other Renewables	47	179
Total	250	1293

Forecasted Generation - SDDP December 2023

Estimated Cost of Generation - January 2024 (Mn LKR)

Major Hydro	596.76 Mn LKR
Thermal - Coal	1700.12 Mn LKR
Thermal - Furnace Oil	1281.56 Mn LKR
Thermal - Diesel	190.72 Mn LKR
Thermal - Naphtha	82.45 Mn LKR
Wind - CEB	105.41 Mn LKR
Wind - IPP	37.23 Mn LKR
Solar - IPP - Ground Mounted	64.70 Mn LKR
Solar - Roof Top	243.48 Mn LKR
Mini Hydro	367.70 Mn LKR
Municipal Solid Waste	60.34 Mn LKR
Total Generation Cost (Jan)	4,730.47 Mn LKR
Average Unit Cost of Generation (Jan)	18.89 LKR/kWh