



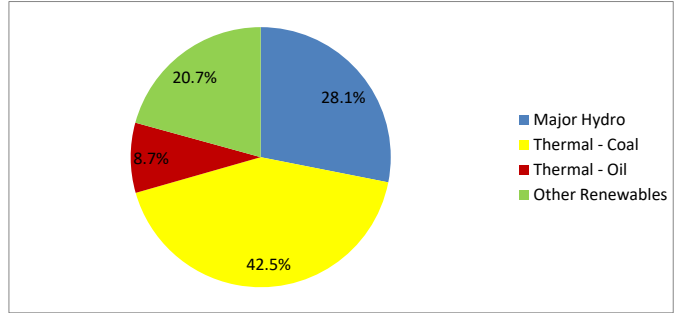
Daily Electricity Generation & Cost Estimation Report

28th January 2024



Daily Generation Mix - 28th January 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	10.75	28.1%
Thermal - Coal	16.24	42.5%
Thermal - Furnace Oil	3.33	8.7%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	0.00	0.0%
Wind - CEB	1.29	3.4%
Wind - IPP	0.98	2.6%
Solar - IPP - Ground Mounted	0.65	1.7%
Solar - Roof Top	1.65	4.3%
Mini Hydro	2.95	7.7%
Municipal Solid Waste	0.41	1.1%
Total	38.25	



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

Estimated Generation Cost : 28th January 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	59.6	59.6	0.00	0.00	5.54	5.54
Thermal - Coal	334.4	8.2	66.1	408.7	20.59	0.50	4.07	25.16
Thermal - Furnace Oil	157.3	6.0	60.8	224.1	47.27	1.80	18.28	67.34
Thermal - Diesel	0.0	1.8	15.9	17.7	0.00	0.00	0.00	0.00
Thermal - Naphtha	0.0	1.2	6.5	7.6	0.00	0.00	0.00	0.00
Wind - CEB	0.0	0.0	5.9	5.9	0.00	0.00	4.58	4.58
Wind - IPP	13.5	0.0	0.0	13.5	13.75	0.00	0.00	13.75
Solar - IPP - Ground Mounted	12.7	0.0	0.0	12.7	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	42.1	0.0	0.0	42.1	14.27	0.00	0.00	14.27
Municipal Solid Waste	14.2	0.0	0.0	14.2	35.02	0.00	0.00	35.02
Total	614.8	17.1	214.8	846.8	16.07	0.45	5.62	22.14

Note -

Start/Stop costs has been excluded in the calculation

2023 Sept BST submission has been considered in the calculation

Unit Cost of Generation for the day : 22.14 LKR/kWh
Total Generation Cost for the day: 846.8 Mn LKR

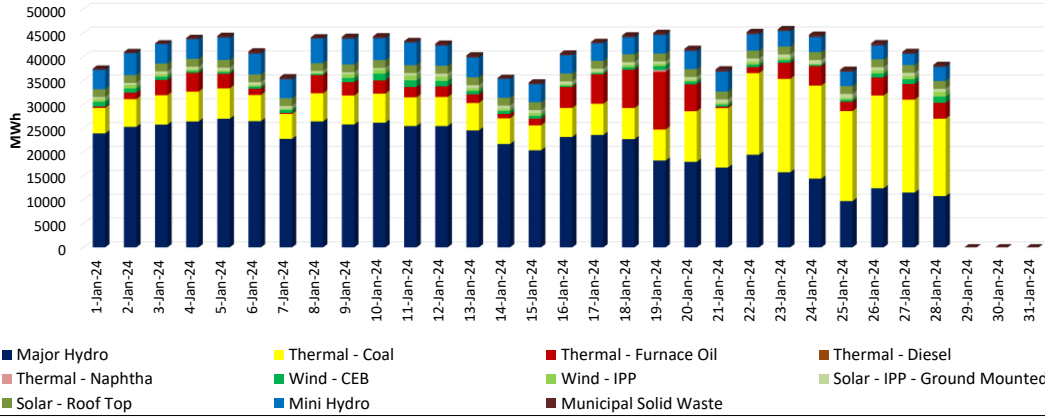
Fuel Prices

(as at 1st Jan 2024 ; New price adjustment)

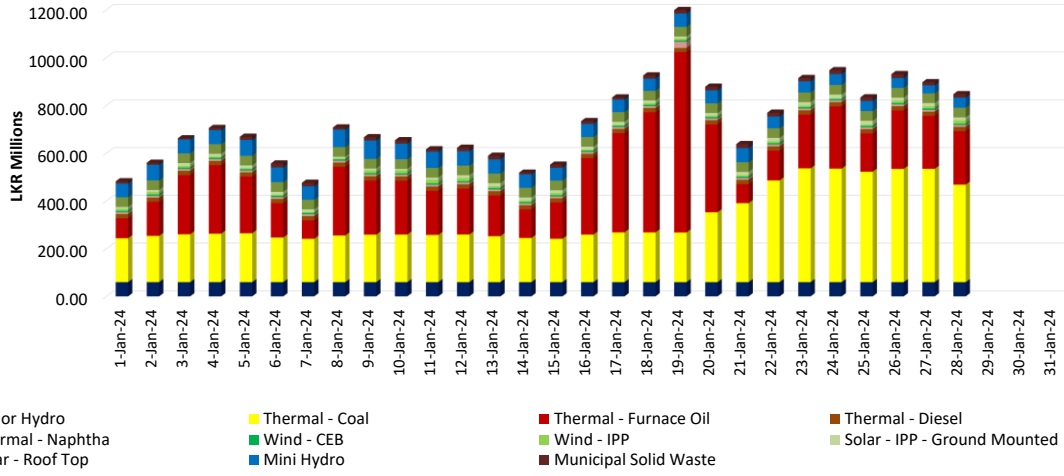
	Price (LKR/Liter or LKR/kg)
Furnace	209.00
Coal	50.15
*Naphtha	175.00
Auto Diesel	358.00

*VAT exempted fuel price

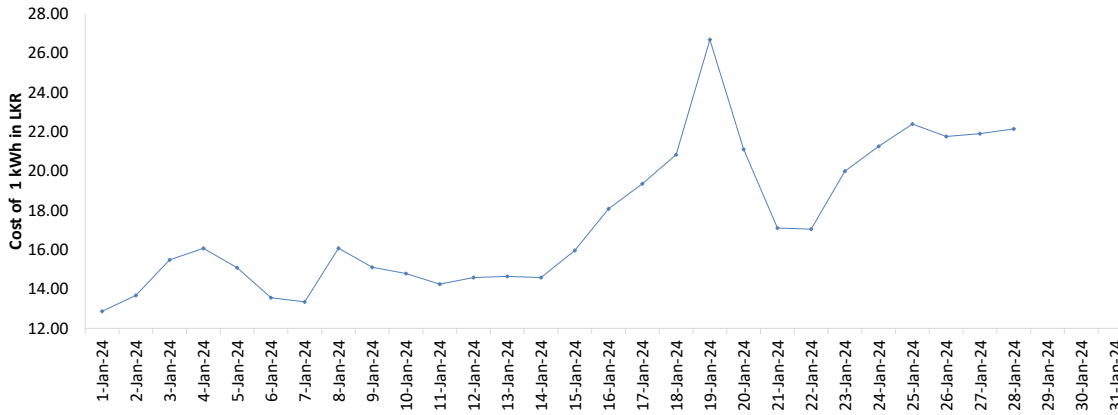
Generation Mix - January 2024

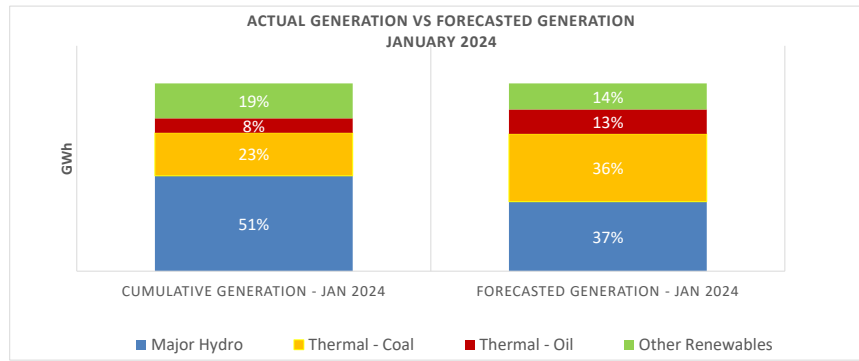


Cost of Generation - January 2024



Per Unit Cost of Generation - January 2024





	Cumulative Generation - January 2024 [GWh]	Forecasted Generation - January 2024 [GWh]
Major Hydro	590	478
Thermal - Coal	266	467
Thermal - Oil	89	168
Other Renewables	216	180
Total	1161	1293

Forecasted Generation - SDDP January 2024

Estimated Cost of Generation - January 2024 (Mn LKR)

Major Hydro	1668.21 Mn LKR
Thermal - Coal	7555.65 Mn LKR
Thermal - Furnace Oil	6681.71 Mn LKR
Thermal - Diesel	497.51 Mn LKR
Thermal - Naphtha	231.79 Mn LKR
Wind - CEB	166.10 Mn LKR
Wind - IPP	200.28 Mn LKR
Solar - IPP - Ground Mounted	330.41 Mn LKR
Solar - Roof Top	1136.25 Mn LKR
Mini Hydro	1565.66 Mn LKR
Municipal Solid Waste	350.82 Mn LKR
Total Generation Cost (Jan)	20,384.39 Mn LKR
Average Unit Cost of Generation (Jan)	17.55 LKR/kWh