



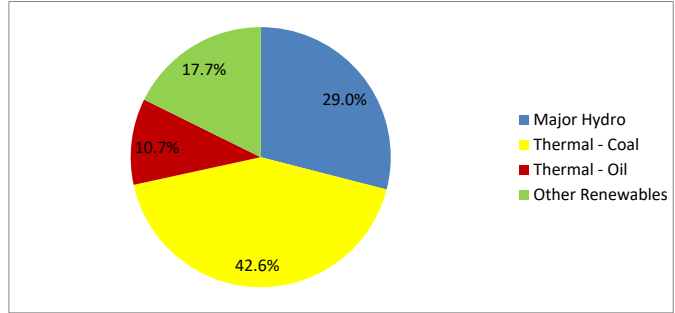
Daily Electricity Generation & Cost Estimation Report

29th January 2024



Daily Generation Mix - 29th January 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	13.09	29.0%
Thermal - Coal	19.22	42.6%
Thermal - Furnace Oil	4.84	10.7%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	0.00	0.0%
Wind - CEB	1.39	3.1%
Wind - IPP	1.06	2.3%
Solar - IPP - Ground Mounted	0.52	1.1%
Solar - Roof Top	1.65	3.7%
Mini Hydro	3.08	6.8%
Municipal Solid Waste	0.29	0.6%
Total	45.13	



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

Estimated Generation Cost : 29th 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	4.55	4.55
Thermal - Coal	395.7	8.2	66.1	469.9	20.59	0.43	3.44	24.45
Thermal - Furnace Oil	248.1	6.0	60.8	314.9	51.30	1.24	12.58	65.11
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	4.26	4.26
Wind - IPP	14.6	0.0	0.0	14.6	13.75	0.00	0.00	13.75
Solar - IPP - Ground Mounted	10.2	0.0	0.0	10.2	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	43.9	0.0	0.0	43.9	14.27	0.00	0.00	14.27
Municipal Solid Waste	10.3	0.0	0.0	10.3	35.02	0.00	0.00	35.02
Total	763.2	17.1	214.8	995.2	16.91	0.38	4.76	22.05

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 : 22.05 LKR/kWh
Total Generation Cost for the day: 995.2 Mn LKR

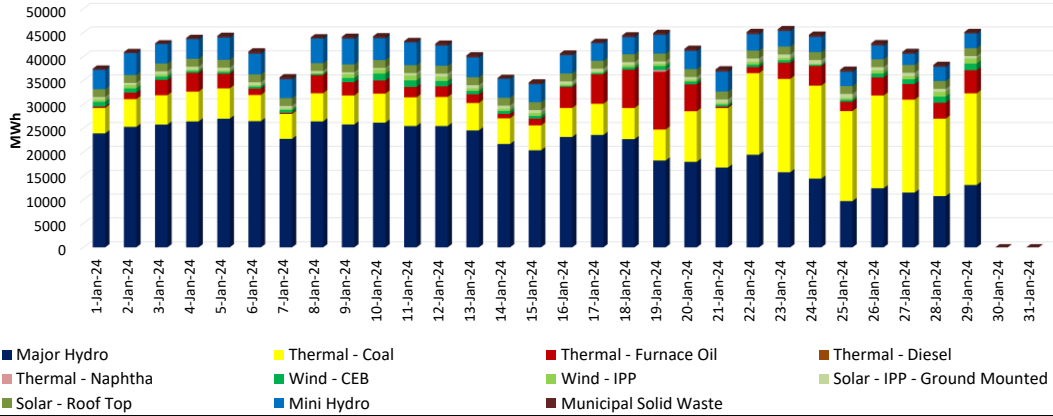
Fuel Prices

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

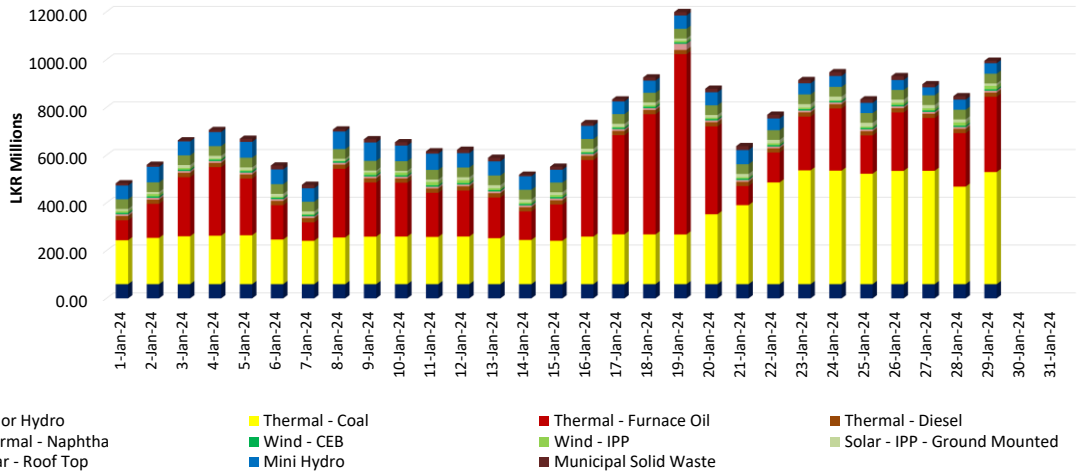
	Price (LKR/Liter or LKR/kg)
Furnace	209.00
Coal	50.15
*Naphtha	175.00
Auto Diesel	358.00

*VAT exempted fuel price

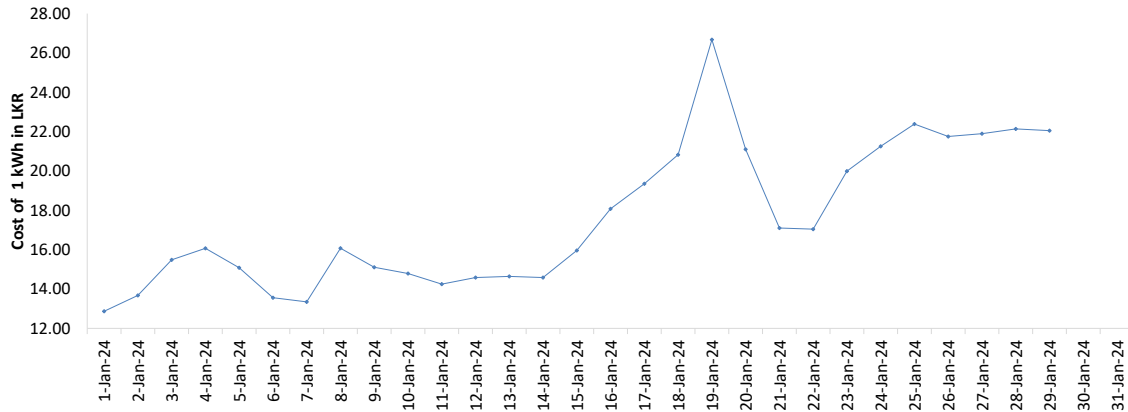
Generation Mix - January 2024

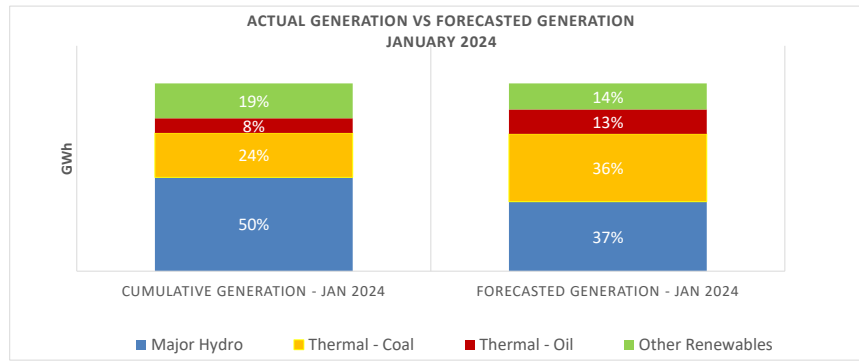


Cost of Generation - January 2024



Per Unit Cost of Generation - January 2024





	Cumulative Generation - January 2024 [GWh]	Forecasted Generation - January 2024 [GWh]
Major Hydro	603	478
Thermal - Coal	285	467
Thermal - Oil	94	168
Other Renewables	224	180
Total	1207	1293

Forecasted Generation - SDDP January 2024

Estimated Cost of Generation - January 2024 (Mn LKR)

Major Hydro	1727.79 Mn LKR
Thermal - Coal	8025.55 Mn LKR
Thermal - Furnace Oil	6996.61 Mn LKR
Thermal - Diesel	515.25 Mn LKR
Thermal - Naphtha	239.43 Mn LKR
Wind - CEB	172.03 Mn LKR
Wind - IPP	214.83 Mn LKR
Solar - IPP - Ground Mounted	340.56 Mn LKR
Solar - Roof Top	1176.83 Mn LKR
Mini Hydro	1609.61 Mn LKR
Municipal Solid Waste	361.08 Mn LKR
Total Generation Cost (Jan)	21,379.57 Mn LKR
Average Unit Cost of Generation (Jan)	17.72 LKR/kWh