



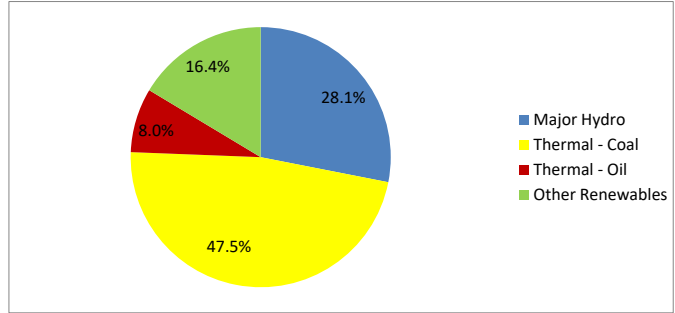
Daily Electricity Generation & Cost Estimation Report

27th January 2024



Daily Generation Mix - 27th January 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	11.50	28.1%
Thermal - Coal	19.47	47.5%
Thermal - Furnace Oil	3.27	8.0%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	0.00	0.0%
Wind - CEB	1.00	2.4%
Wind - IPP	0.66	1.6%
Solar - IPP - Ground Mounted	0.70	1.7%
Solar - Roof Top	1.65	4.0%
Mini Hydro	2.34	5.7%
Municipal Solid Waste	0.37	0.9%
Total	40.96	



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

Estimated Generation Cost : 27th 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	5.18	5.18
Thermal - Coal	400.9	8.2	66.1	475.1	20.59	0.42	3.39	24.40
Thermal - Furnace Oil	154.4	6.0	60.8	221.2	47.16	1.83	18.58	67.57
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	5.96	5.96
Wind - IPP	9.1	0.0	0.0	9.1	13.75	0.00	0.00	13.75
Solar - IPP - Ground Mounted	13.7	0.0	0.0	13.7	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	33.4	0.0	0.0	33.4	14.27	0.00	0.00	14.27
Municipal Solid Waste	13.0	0.0	0.0	13.0	35.02	0.00	0.00	35.02
Total	665.0	17.1	214.8	897.0	16.23	0.42	5.24	21.90

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 : 21.90 LKR/kWh
Total Generation Cost for the day: 897.0 Mn LKR

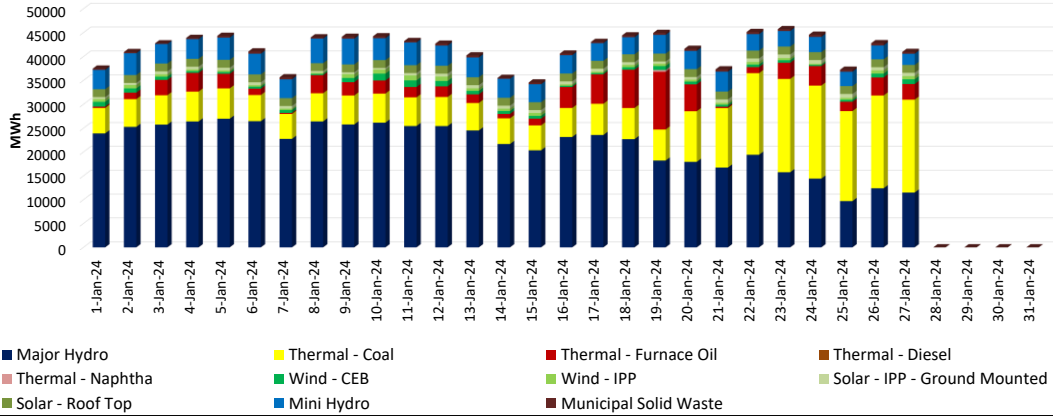
Fuel Prices

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

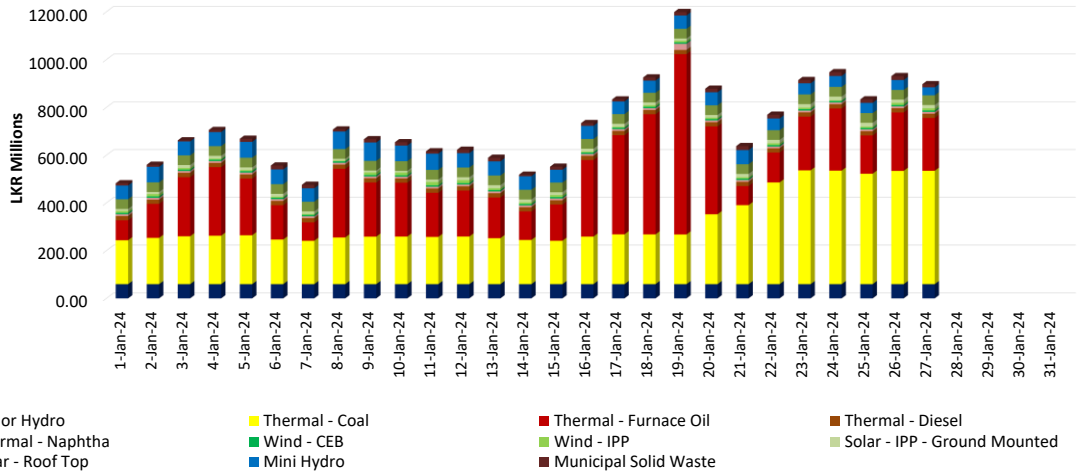
	Price (LKR/Liter or LKR/kg)
Furnace	209.00
Coal	50.15
*Naphtha	175.00
Auto Diesel	358.00

*VAT exempted fuel price

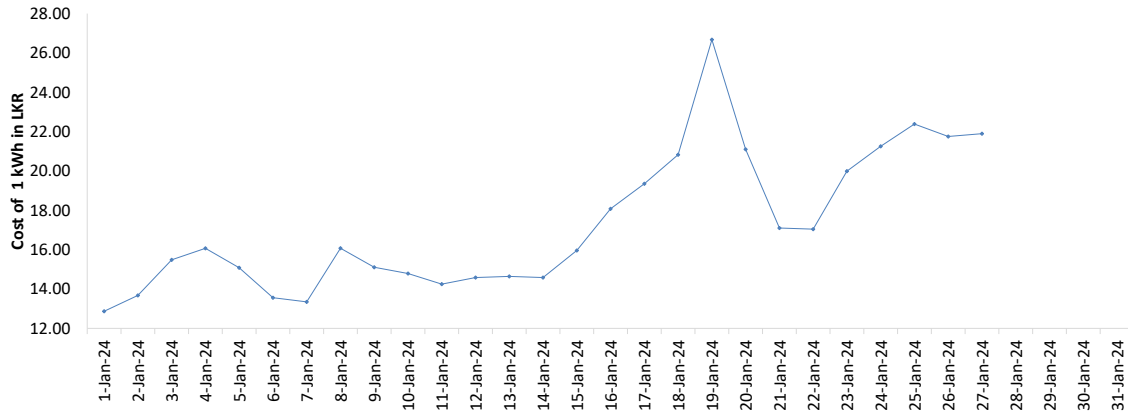
Generation Mix - January 2024

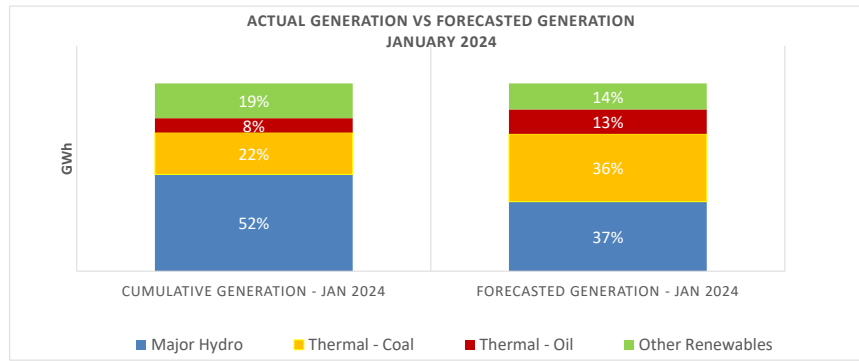


Cost of Generation - January 2024



Per Unit Cost of Generation - January 2024





	Cumulative Generation - January 2024 [GWh]	Forecasted Generation - January 2024 [GWh]
Major Hydro	579	478
Thermal - Coal	250	467
Thermal - Oil	86	168
Other Renewables	208	180
Total	1123	1293

Forecasted Generation - SDDP January 2024

Estimated Cost of Generation - January 2024 (Mn LKR)

Major Hydro	1608.63 Mn LKR
Thermal - Coal	7146.95 Mn LKR
Thermal - Furnace Oil	6457.60 Mn LKR
Thermal - Diesel	479.77 Mn LKR
Thermal - Naphtha	224.16 Mn LKR
Wind - CEB	160.16 Mn LKR
Wind - IPP	186.82 Mn LKR
Solar - IPP - Ground Mounted	317.69 Mn LKR
Solar - Roof Top	1095.67 Mn LKR
Mini Hydro	1523.53 Mn LKR
Municipal Solid Waste	336.64 Mn LKR
Total Generation Cost (Jan)	19,537.61 Mn LKR
Average Unit Cost of Generation (Jan)	17.39 LKR/kWh