



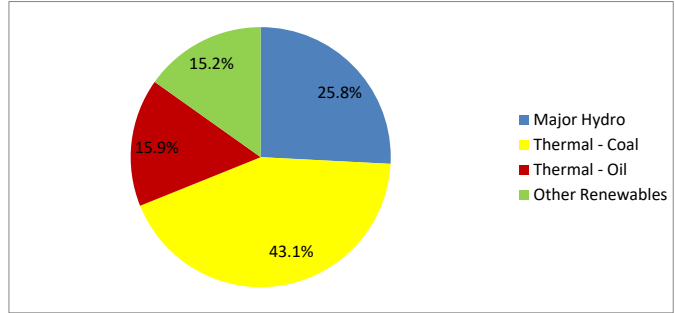
Daily Electricity Generation & Cost Estimation Report

7th February 2024



Daily Generation Mix - 7th February 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	11.66	25.8%
Thermal - Coal	19.46	43.1%
Thermal - Furnace Oil	7.19	15.9%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	0.00	0.0%
Wind - CEB	0.64	1.4%
Wind - IPP	0.52	1.2%
Solar - IPP - Ground Mounted	0.79	1.7%
Solar - Roof Top	1.47	3.3%
Mini Hydro	3.00	6.6%
Municipal Solid Waste	0.44	1.0%
Total	45.17	



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 February 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	63.7	63.7	0.00	0.00	5.46	5.46
Thermal - Coal	400.2	8.7	70.6	479.5	20.56	0.45	3.63	24.64
Thermal - Furnace Oil	229.1	6.4	65.0	300.5	31.85	0.89	9.04	41.78
Thermal - Diesel	0.0	1.9	17.0	19.0	0.00	0.00	0.00	0.00
Thermal - Naphtha	0.0	1.2	6.9	8.2	0.00	0.00	0.00	0.00
Wind - CEB	0.0	0.0	6.3	6.3	0.00	0.00	9.94	9.94
Wind - IPP	7.2	0.0	0.0	7.2	13.75	0.00	0.00	13.75
Solar - IPP - Ground Mounted	15.5	0.0	0.0	15.5	19.67	0.00	0.00	19.67
Solar - Roof Top	36.2	0.0	0.0	36.2	24.59	0.00	0.00	24.59
Mini Hydro	42.7	0.0	0.0	42.7	14.27	0.00	0.00	14.27
Municipal Solid Waste	15.3	0.0	0.0	15.3	35.02	0.00	0.00	35.02
Total	746.2	18.3	229.6	994.1	16.52	0.41	5.08	22.01

Note -

Start/Stop costs has been excluded in the calculation

Capacity Cost : 2023 Sept BST submission has been considered in the calculation

Unit Cost of Generation for the day : 22.01 LKR/kWh
Total Generation Cost for the day: 994.1 Mn LKR

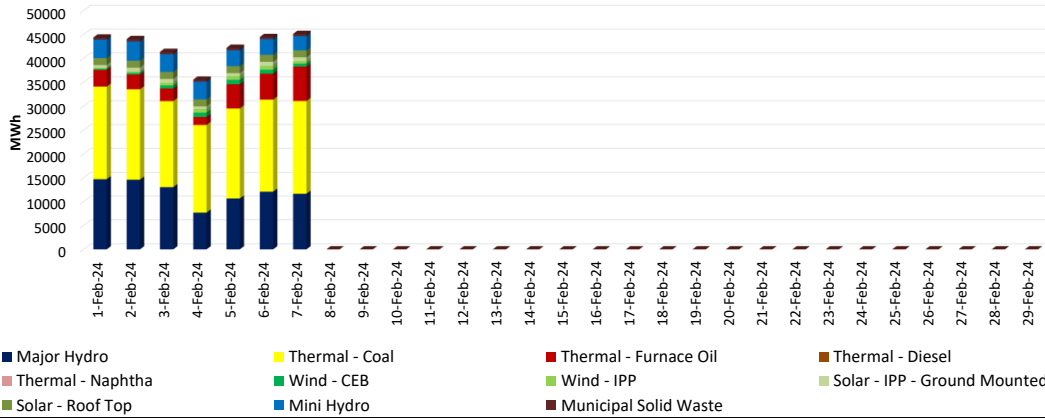
Fuel Prices

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

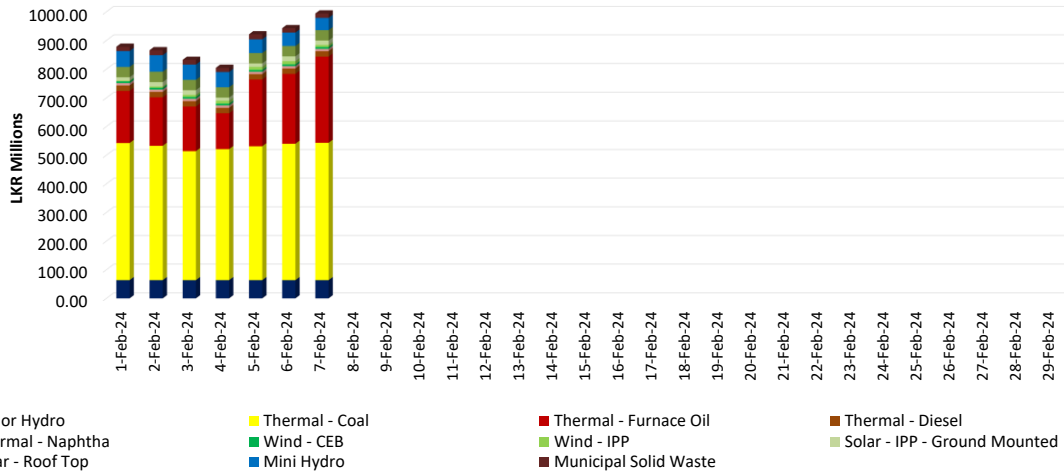
	Price (LKR/Liter or LKR/kg)
Furnace	140.00
Coal	50.09
*Naphtha	188.00
Auto Diesel	363.00

*VAT exempted fuel price

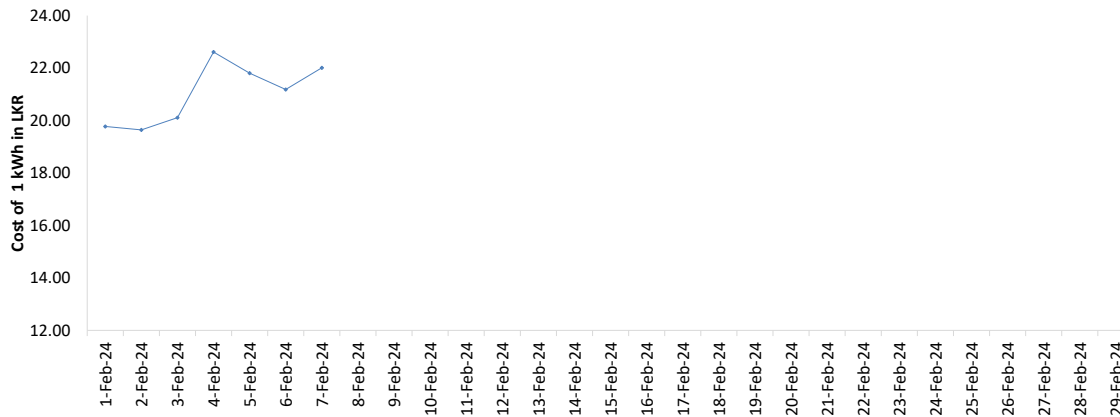
Generation Mix - February 2024

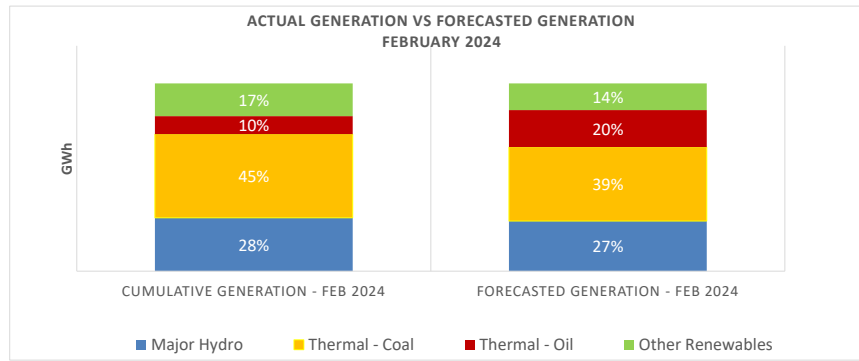


Cost of Generation - February 2024



Per Unit Cost of Generation - February 2024





	Cumulative Generation - Feb 2024 [GWh]	Forecasted Generation - Feb 2024 [GWh]
Major Hydro	85	322
Thermal - Coal	132	474
Thermal - Oil	29	237
Other Renewables	52	171
Total	297	1204

Forecasted Generation - SDDP January 2024

Estimated Cost of Generation - Feb 2024 (Mn LKR)

Major Hydro	445.81 Mn LKR
Thermal - Coal	3278.92 Mn LKR
Thermal - Furnace Oil	1407.98 Mn LKR
Thermal - Diesel	132.77 Mn LKR
Thermal - Naphtha	57.13 Mn LKR
Wind - CEB	44.39 Mn LKR
Wind - IPP	53.01 Mn LKR
Solar - IPP - Ground Mounted	98.79 Mn LKR
Solar - Roof Top	253.07 Mn LKR
Mini Hydro	356.24 Mn LKR
Municipal Solid Waste	111.65 Mn LKR
Total Generation Cost (Feb)	6,239.76 Mn LKR
Average Unit Cost of Generation (Feb)	20.98 LKR/kWh