



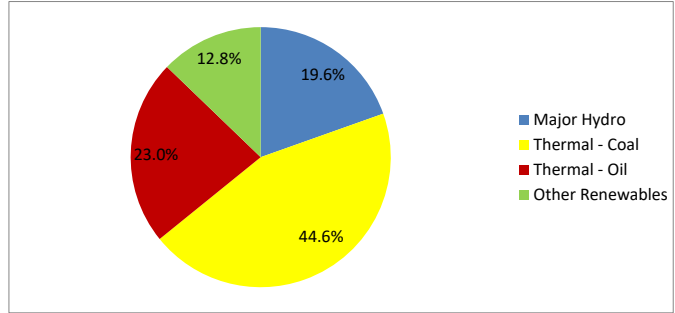
Daily Electricity Generation & Cost Estimation Report

24th February 2024



Daily Generation Mix - 24th February 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	8.43	19.6%
Thermal - Coal	19.20	44.6%
Thermal - Furnace Oil	9.92	23.0%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	0.00	0.0%
Wind - CEB	0.30	0.7%
Wind - IPP	0.26	0.6%
Solar - IPP - Ground Mounted	0.78	1.8%
Solar - Roof Top	1.47	3.4%
Mini Hydro	2.31	5.4%
Municipal Solid Waste	0.40	0.9%
Total	43.06	



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

Estimated Generation Cost : 24th 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	7.56	7.56
Thermal - Coal	394.9	8.7	70.6	474.2	20.56	0.46	3.68	24.70
Thermal - Furnace Oil	320.2	6.4	65.0	391.7	32.30	0.64	6.56	39.50
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	21.07	21.07
Wind - IPP	3.5	0.0	0.0	3.5	13.75	0.00	0.00	13.75
Solar - IPP - Ground Mounted	15.3	0.0	0.0	15.3	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	32.9	0.0	0.0	32.9	14.27	0.00	0.00	14.27
Municipal Solid Waste	14.0	0.0	0.0	14.0	35.02	0.00	0.00	35.02
Total	817.1	18.3	229.6	1065.0	18.98	0.43	5.33	24.73

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 : 24.73 LKR/kWh
Total Generation Cost for the day: 1065.00 Mn LKR

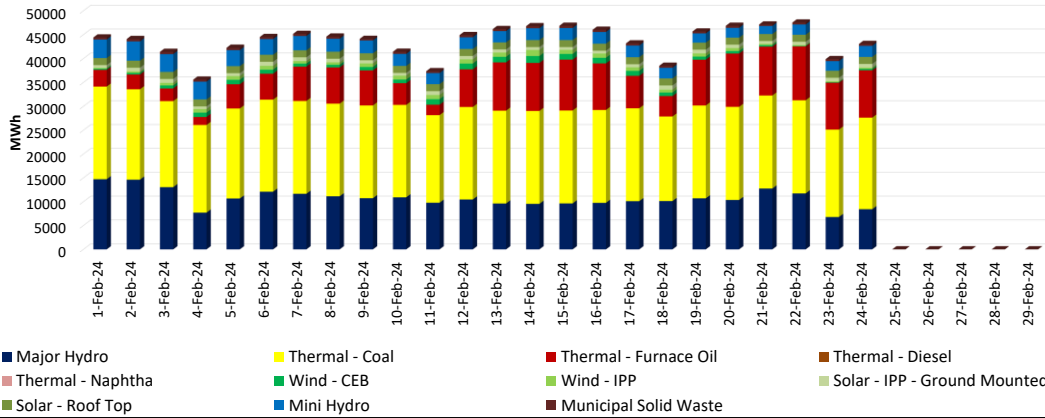
Fuel Prices

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

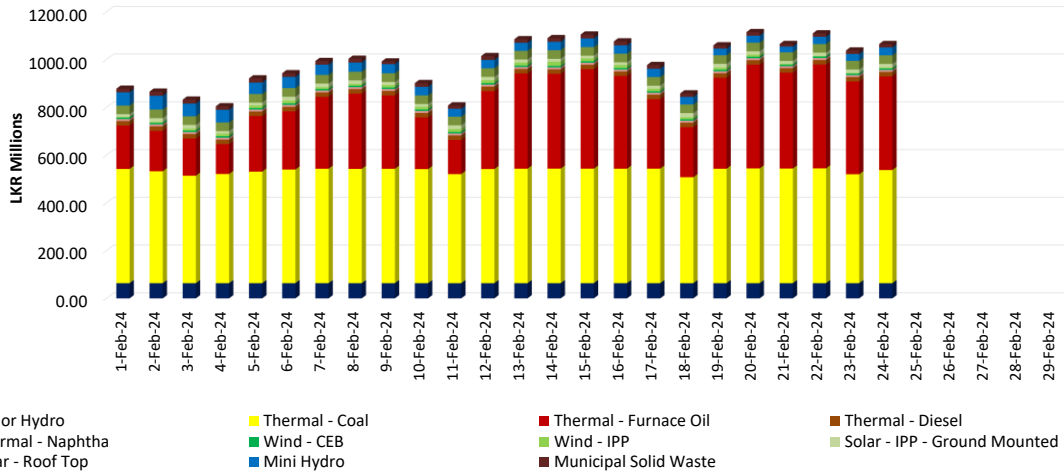
	Price (LKR/Liter or LKR/kg)
Furnace	140.00
Coal	50.09
*Naphtha	188.00
Auto Diesel	363.00

*VAT exempted fuel price

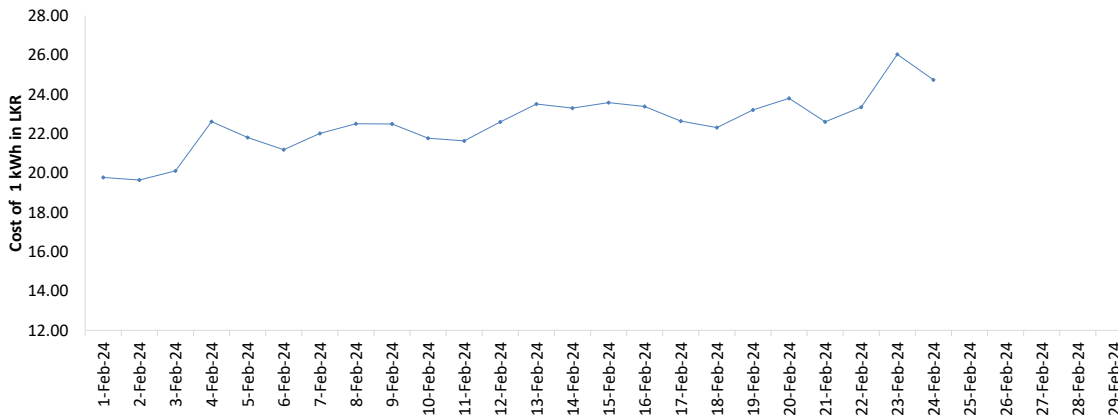
Generation Mix - February 2024

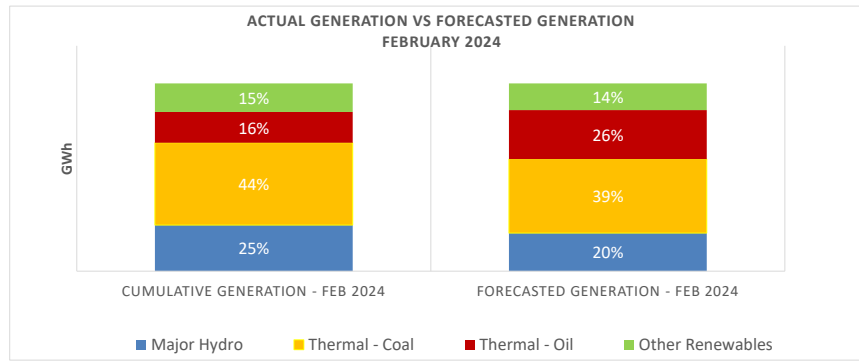


Cost of Generation - February 2024



Per Unit Cost of Generation - February 2024





	Cumulative Generation - Feb 2024 [GWh]	Forecasted Generation - Feb 2024 [GWh]
Major Hydro	257	244
Thermal - Coal	459	474
Thermal - Oil	172	315
Other Renewables	159	171
Total	1047	1204

Forecasted Generation - SDDP February 2024

Estimated Cost of Generation - Feb 2024 (Mn LKR)

Major Hydro	1528.51 Mn LKR
Thermal - Coal	11346.72 Mn LKR
Thermal - Furnace Oil	7244.50 Mn LKR
Thermal - Diesel	455.24 Mn LKR
Thermal - Naphtha	195.88 Mn LKR
Wind - CEB	152.19 Mn LKR
Wind - IPP	206.57 Mn LKR
Solar - IPP - Ground Mounted	332.36 Mn LKR
Solar - Roof Top	867.68 Mn LKR
Mini Hydro	916.31 Mn LKR
Municipal Solid Waste	358.70 Mn LKR
Total Generation Cost (Feb)	23,604.64 Mn LKR
Average Unit Cost of Generation (Feb)	22.53 LKR/kWh