



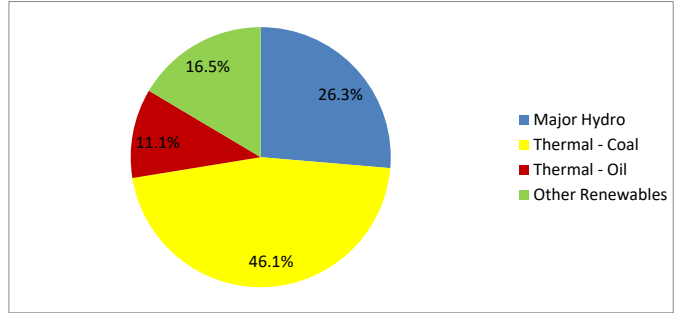
Daily Electricity Generation & Cost Estimation Report

18th February 2024



Daily Generation Mix - 18th February 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	10.14	26.3%
Thermal - Coal	17.74	46.1%
Thermal - Furnace Oil	4.27	11.1%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	0.00	0.0%
Wind - CEB	0.75	2.0%
Wind - IPP	0.60	1.5%
Solar - IPP - Ground Mounted	0.88	2.3%
Solar - Roof Top	1.47	3.8%
Mini Hydro	2.22	5.8%
Municipal Solid Waste	0.41	1.1%
Total	38.48	



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

Estimated Generation Cost : 18th 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	6.28	6.28
Thermal - Coal	364.7	8.7	70.6	444.1	20.56	0.49	3.98	25.04
Thermal - Furnace Oil	137.9	6.4	65.0	209.3	32.28	1.50	15.22	48.99
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	8.42	8.42
Wind - IPP	8.2	0.0	0.0	8.2	13.75	0.00	0.00	13.75
Solar - IPP - Ground Mounted	17.3	0.0	0.0	17.3	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	31.7	0.0	0.0	31.7	14.27	0.00	0.00	14.27
Municipal Solid Waste	14.5	0.0	0.0	14.5	35.02	0.00	0.00	35.02
Total	610.5	18.3	229.6	858.5	15.86	0.48	5.97	22.31

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 : 22.31 LKR/kWh
Total Generation Cost for the day: 858.5 Mn LKR

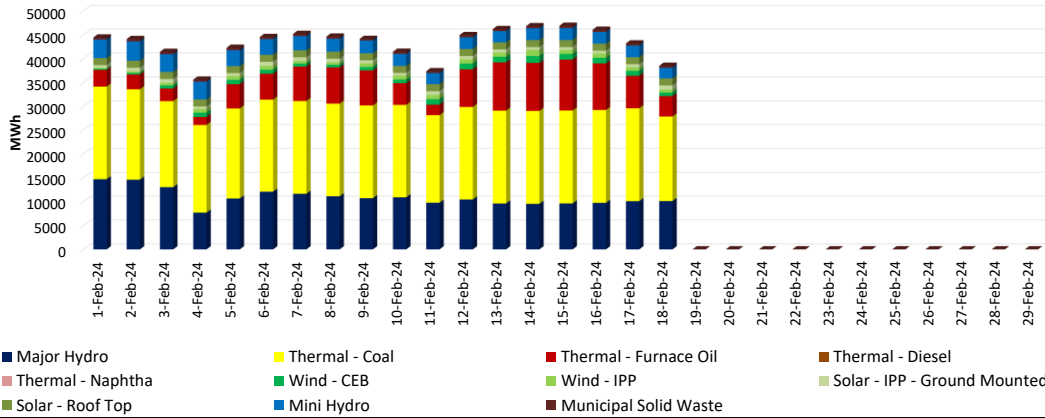
Fuel Prices

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

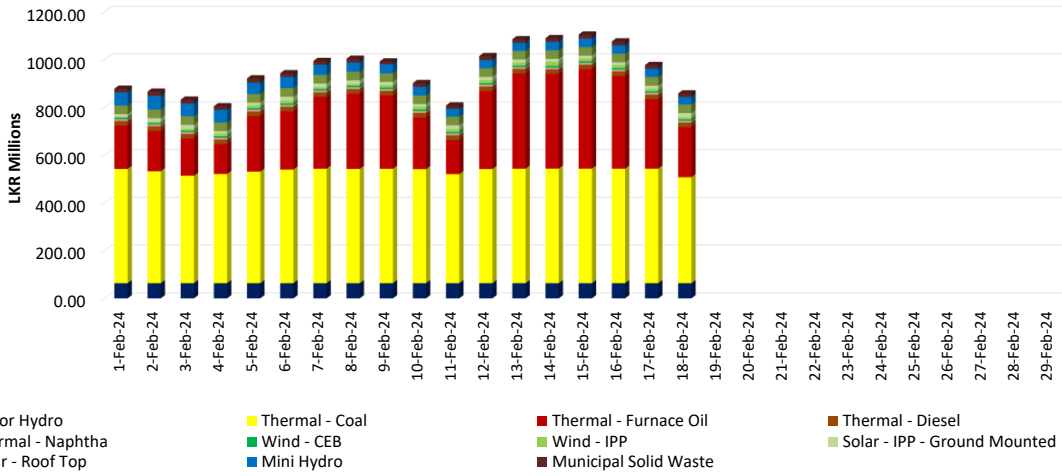
	Price (LKR/Liter or LKR/kg)
Furnace	140.00
Coal	50.09
*Naphtha	188.00
Auto Diesel	363.00

*VAT exempted fuel price

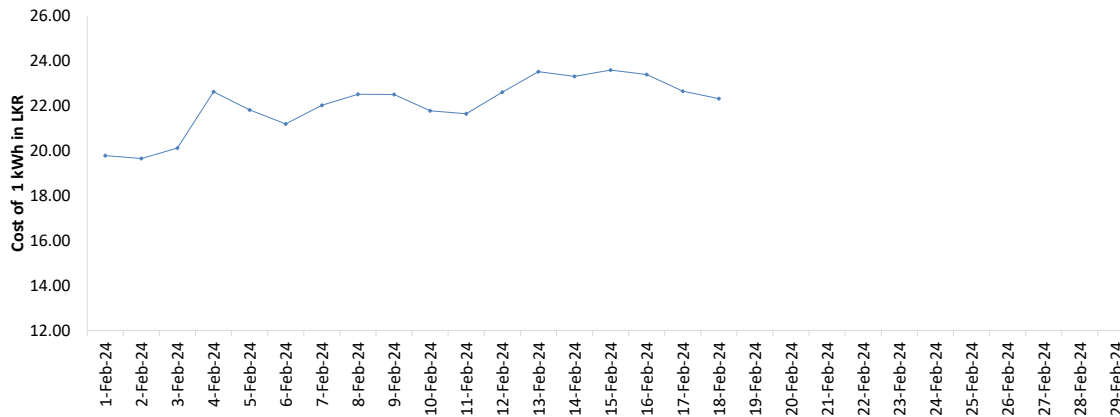
Generation Mix - February 2024

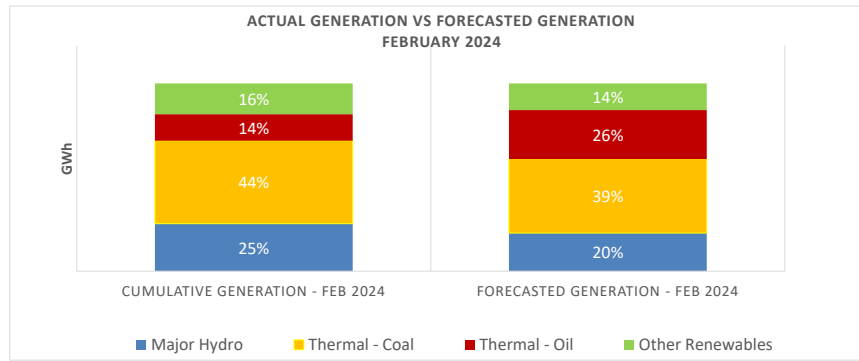


Cost of Generation - February 2024



Per Unit Cost of Generation - February 2024





	Cumulative Generation - Feb 2024 [GWh]	Forecasted Generation - Feb 2024 [GWh]
Major Hydro	196	244
Thermal - Coal	344	474
Thermal - Oil	110	315
Other Renewables	128	171
Total	777	1204

Forecasted Generation - SDDP February 2024

Estimated Cost of Generation - Feb 2024 (Mn LKR)

Major Hydro	1146.38 Mn LKR
Thermal - Coal	8494.04 Mn LKR
Thermal - Furnace Oil	4814.27 Mn LKR
Thermal - Diesel	341.35 Mn LKR
Thermal - Naphtha	146.91 Mn LKR
Wind - CEB	114.14 Mn LKR
Wind - IPP	176.90 Mn LKR
Solar - IPP - Ground Mounted	247.09 Mn LKR
Solar - Roof Top	650.76 Mn LKR
Mini Hydro	743.21 Mn LKR
Municipal Solid Waste	276.71 Mn LKR
Total Generation Cost (Feb)	17,151.75 Mn LKR
Average Unit Cost of Generation (Feb)	22.06 LKR/kWh