



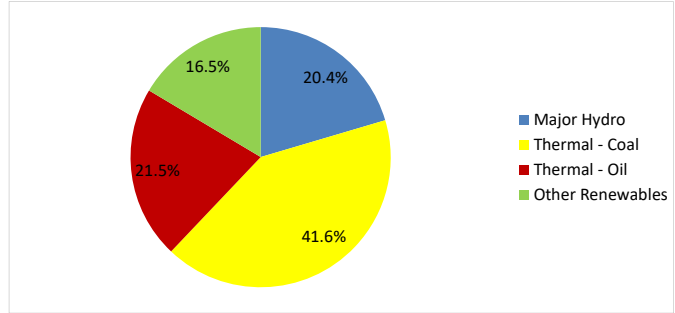
Daily Electricity Generation & Cost Estimation Report

14th February 2024



Daily Generation Mix - 14th February 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	9.55	20.4%
Thermal - Coal	19.48	41.6%
Thermal - Furnace Oil	10.05	21.5%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	0.00	0.0%
Wind - CEB	1.45	3.1%
Wind - IPP	1.26	2.7%
Solar - IPP - Ground Mounted	0.61	1.3%
Solar - Roof Top	1.47	3.1%
Mini Hydro	2.48	5.3%
Municipal Solid Waste	0.43	0.9%
Total	46.78	



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

Estimated Generation Cost : 14th 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	6.67	6.67
Thermal - Coal	400.7	8.7	70.6	480.0	20.56	0.45	3.62	24.64
Thermal - Furnace Oil	325.2	6.4	65.0	396.7	32.37	0.64	6.47	39.47
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	4.39	4.39
Wind - IPP	17.3	0.0	0.0	17.3	13.75	0.00	0.00	13.75
Solar - IPP - Ground Mounted	12.0	0.0	0.0	12.0	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	35.3	0.0	0.0	35.3	14.27	0.00	0.00	14.27
Municipal Solid Waste	15.2	0.0	0.0	15.2	35.02	0.00	0.00	35.02
Total	841.9	18.3	229.6	1089.8	18.00	0.39	4.91	23.30

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 : 23.30 LKR/kWh
Total Generation Cost for the day: 1089.8 Mn LKR

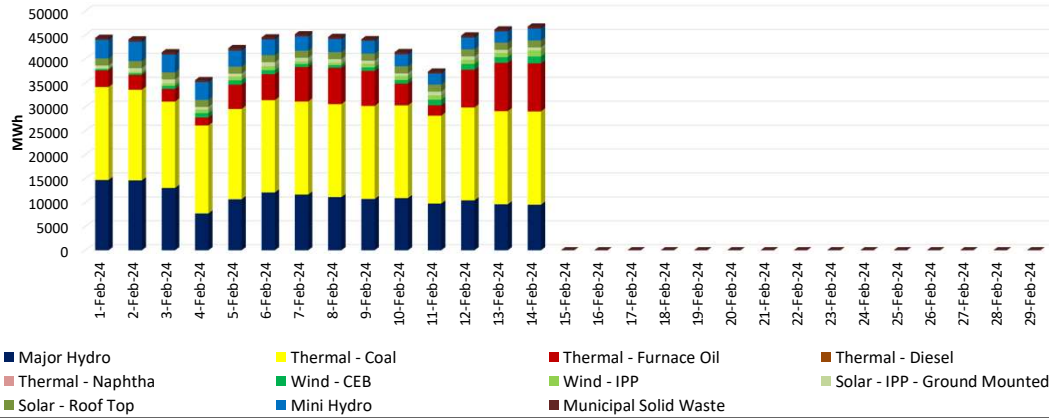
Fuel Prices

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

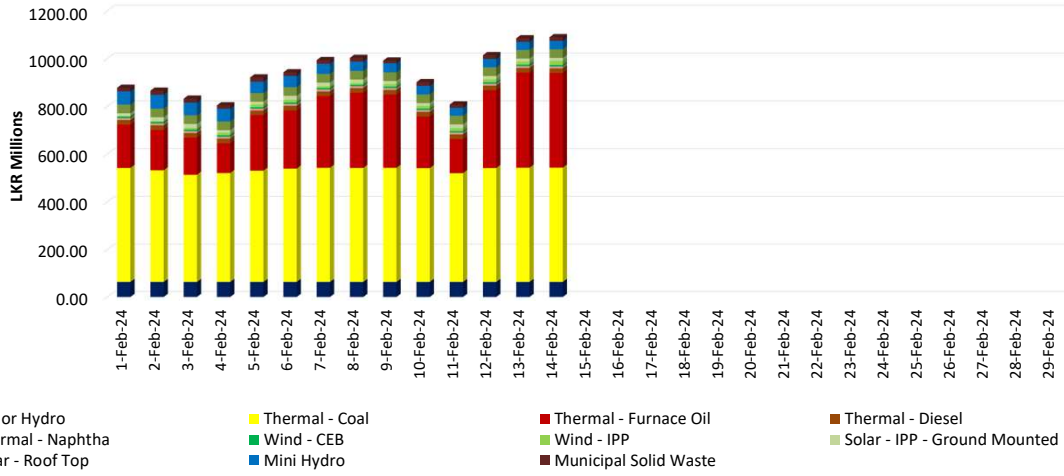
	Price (LKR/Liter or LKR/kg)
Furnace	140.00
Coal	50.09
*Naphtha	188.00
Auto Diesel	363.00

*VAT exempted fuel price

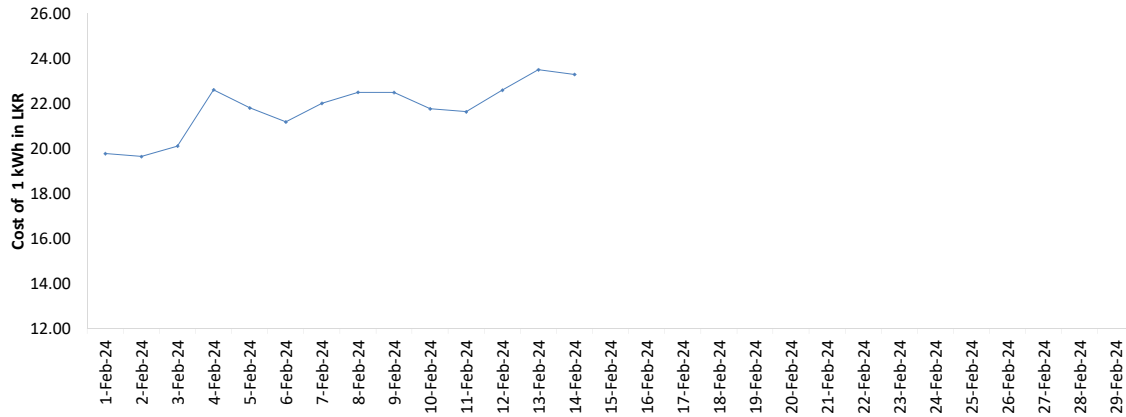
Generation Mix - February 2024

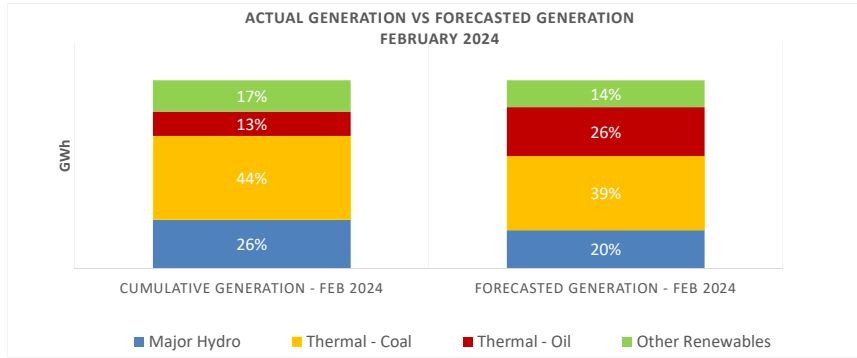


Cost of Generation - February 2024



Per Unit Cost of Generation - February 2024





	Cumulative Generation - Feb 2024 [GWh]	Forecasted Generation - Feb 2024 [GWh]
Major Hydro	157	244
Thermal - Coal	267	474
Thermal - Oil	78	315
Other Renewables	100	171
Total	603	1204

Forecasted Generation - SDDP February 2024

Estimated Cost of Generation - Feb 2024 (Mn LKR)

Major Hydro	891.63 Mn LKR
Thermal - Coal	6610.26 Mn LKR
Thermal - Furnace Oil	3510.25 Mn LKR
Thermal - Diesel	265.50 Mn LKR
Thermal - Naphtha	114.26 Mn LKR
Wind - CEB	88.78 Mn LKR
Wind - IPP	134.79 Mn LKR
Solar - IPP - Ground Mounted	193.52 Mn LKR
Solar - Roof Top	506.15 Mn LKR
Mini Hydro	605.89 Mn LKR
Municipal Solid Waste	214.02 Mn LKR
Total Generation Cost (Feb)	13,135.04 Mn LKR
Average Unit Cost of Generation (Feb)	21.79 LKR/kWh