



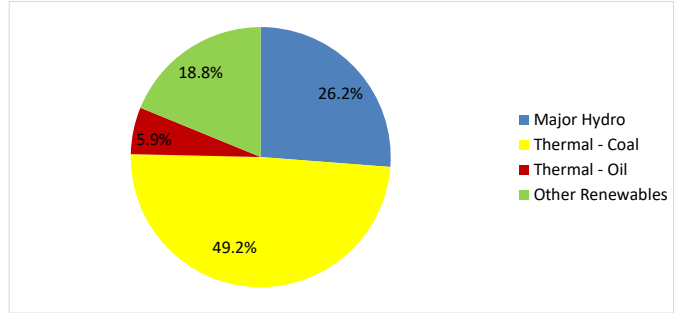
Daily Electricity Generation & Cost Estimation Report

11th February 2024



Daily Generation Mix - 11th February 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	9.78	26.2%
Thermal - Coal	18.37	49.2%
Thermal - Furnace Oil	2.19	5.9%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	0.00	0.0%
Wind - CEB	1.16	3.1%
Wind - IPP	0.88	2.4%
Solar - IPP - Ground Mounted	0.80	2.1%
Solar - Roof Top	1.47	3.9%
Mini Hydro	2.32	6.2%
Municipal Solid Waste	0.40	1.1%
Total	37.36	



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

Estimated Generation Cost : 11th 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	6.51	6.51
Thermal - Coal	377.7	8.7	70.6	457.0	20.56	0.48	3.85	24.89
Thermal - Furnace Oil	71.5	6.4	65.0	143.0	32.70	2.92	29.72	65.34
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	5.49	5.49
Wind - IPP	12.1	0.0	0.0	12.1	13.75	0.00	0.00	13.75
Solar - IPP - Ground Mounted	15.8	0.0	0.0	15.8	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	33.0	0.0	0.0	33.0	14.27	0.00	0.00	14.27
Municipal Solid Waste	13.8	0.0	0.0	13.8	35.02	0.00	0.00	35.02
Total	560.1	18.3	229.6	808.1	14.99	0.49	6.15	21.63

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 : 21.63 LKR/kWh
Total Generation Cost for the day: 808.1 Mn LKR

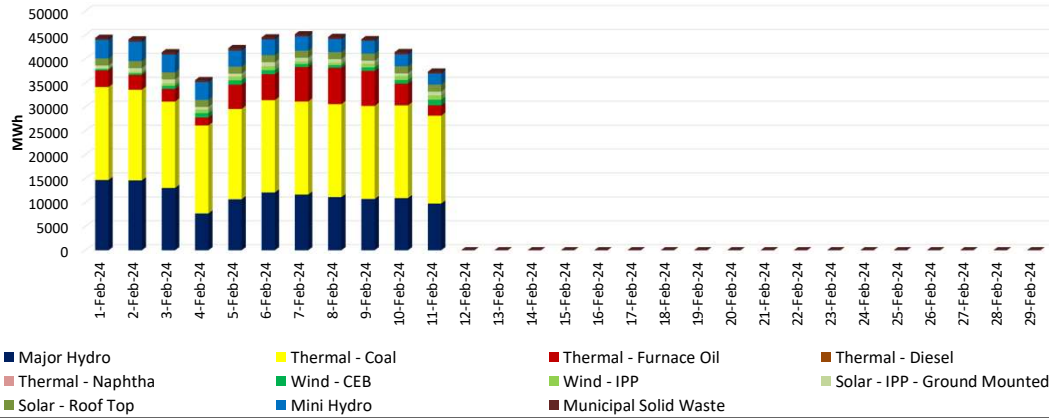
Fuel Prices

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

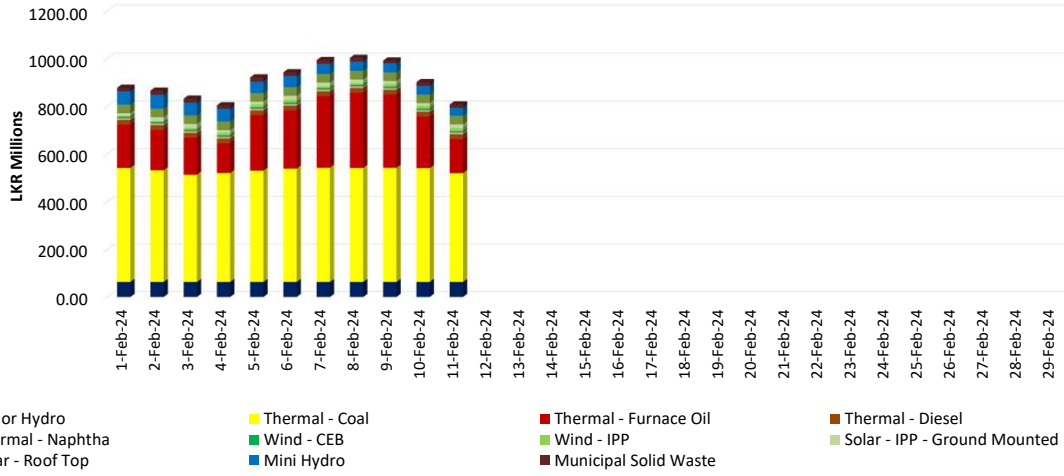
	Price (LKR/Liter or LKR/kg)
Furnace	140.00
Coal	50.09
*Naphtha	188.00
Auto Diesel	363.00

*VAT exempted fuel price

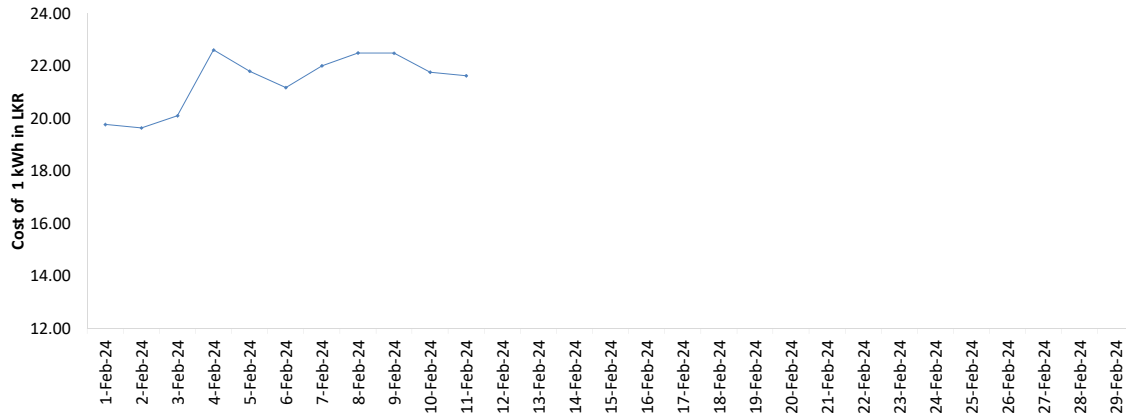
Generation Mix - February 2024

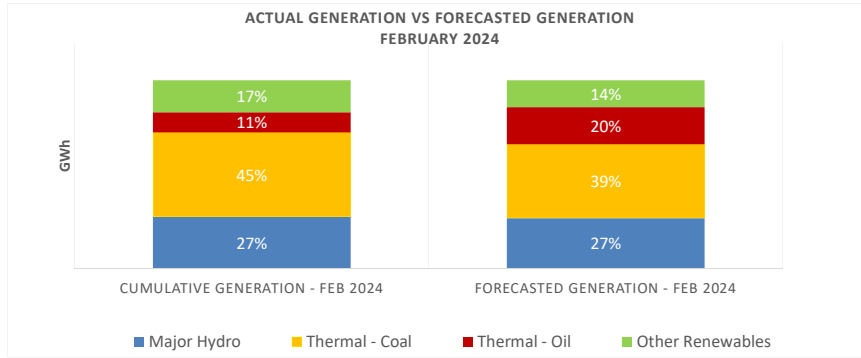


Cost of Generation - February 2024



Per Unit Cost of Generation - February 2024





	Cumulative Generation - Feb 2024 [GWh]	Forecasted Generation - Feb 2024 [GWh]
Major Hydro	127	322
Thermal - Coal	209	474
Thermal - Oil	50	237
Other Renewables	79	171
Total	465	1204

Forecasted Generation - SDDP January 2024

Estimated Cost of Generation - Feb 2024 (Mn LKR)

Major Hydro	700.57 Mn LKR
Thermal - Coal	5172.10 Mn LKR
Thermal - Furnace Oil	2389.12 Mn LKR
Thermal - Diesel	208.62 Mn LKR
Thermal - Naphtha	89.78 Mn LKR
Wind - CEB	69.75 Mn LKR
Wind - IPP	93.28 Mn LKR
Solar - IPP - Ground Mounted	154.28 Mn LKR
Solar - Roof Top	397.69 Mn LKR
Mini Hydro	502.07 Mn LKR
Municipal Solid Waste	168.04 Mn LKR
Total Generation Cost (Feb)	9,945.28 Mn LKR
Average Unit Cost of Generation (Feb)	21.39 LKR/kWh