



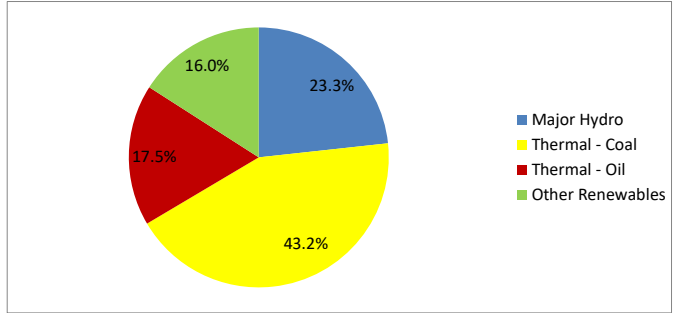
Daily Electricity Generation & Cost Estimation Report

12th February 2024



Daily Generation Mix - 12th February 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	10.46	23.3%
Thermal - Coal	19.41	43.2%
Thermal - Furnace Oil	7.88	17.5%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	0.00	0.0%
Wind - CEB	1.21	2.7%
Wind - IPP	0.87	1.9%
Solar - IPP - Ground Mounted	0.72	1.6%
Solar - Roof Top	1.47	3.3%
Mini Hydro	2.44	5.4%
Municipal Solid Waste	0.46	1.0%
Total	44.91	



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

Estimated Generation Cost : 12th 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	6.09	6.09
Thermal - Coal	399.0	8.7	70.6	478.4	20.56	0.45	3.64	24.65
Thermal - Furnace Oil	254.6	6.4	65.0	326.0	32.31	0.81	8.25	41.38
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	5.25	5.25
Wind - IPP	12.0	0.0	0.0	12.0	13.75	0.00	0.00	13.75
Solar - IPP - Ground Mounted	14.1	0.0	0.0	14.1	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	34.9	0.0	0.0	34.9	14.27	0.00	0.00	14.27
Municipal Solid Waste	16.0	0.0	0.0	16.0	35.02	0.00	0.00	35.02
Total	766.8	18.3	229.6	1014.7	17.07	0.41	5.11	22.59

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 : 22.59 LKR/kWh
Total Generation Cost for the day: 1014.7 Mn LKR

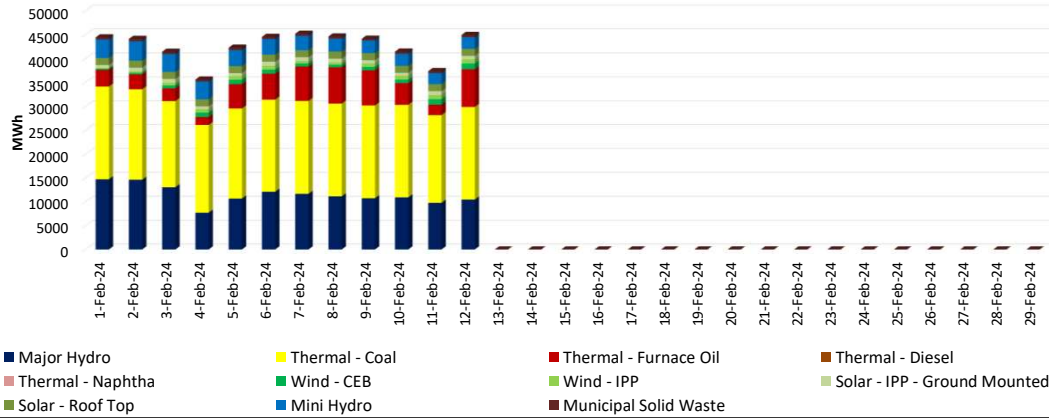
Fuel Prices

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

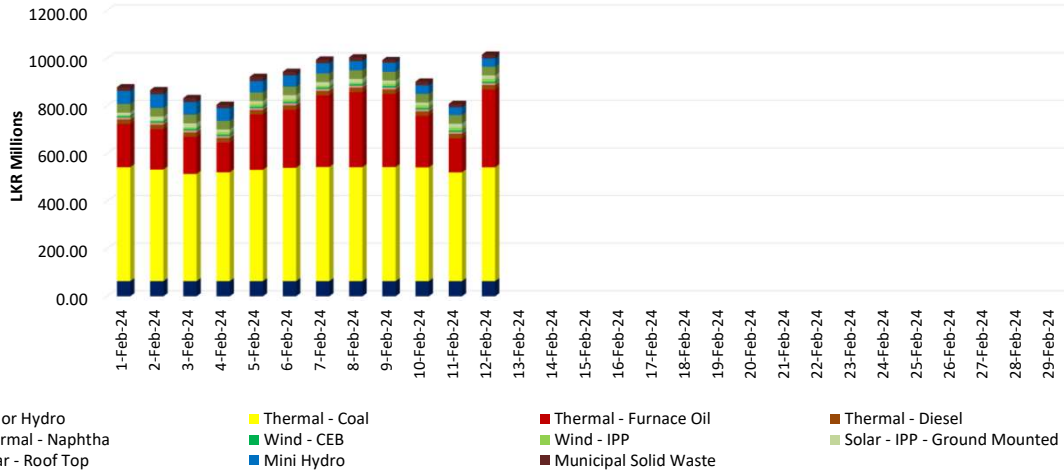
	Price (LKR/Liter or LKR/kg)
Furnace	140.00
Coal	50.09
*Naphtha	188.00
Auto Diesel	363.00

*VAT exempted fuel price

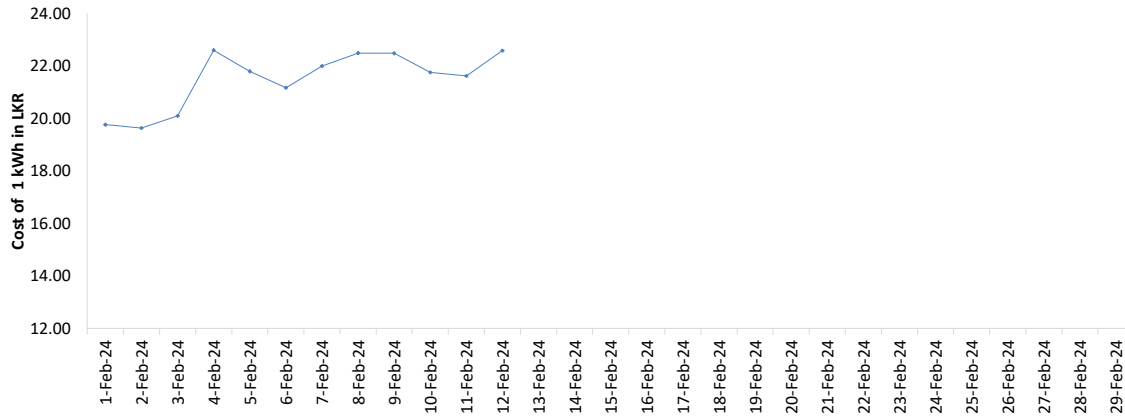
Generation Mix - February 2024

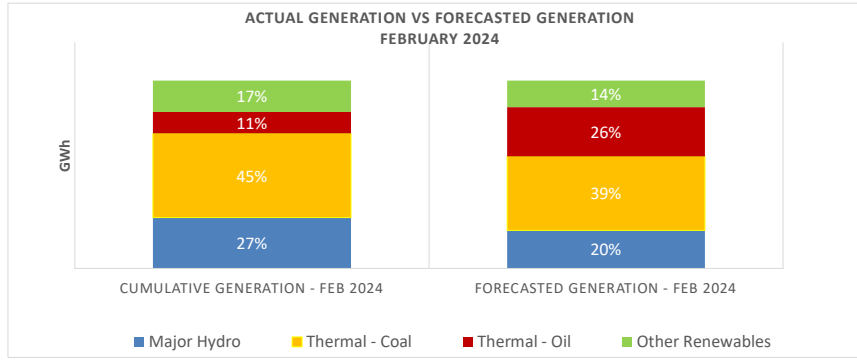


Cost of Generation - February 2024



Per Unit Cost of Generation - February 2024





	Cumulative Generation - Feb 2024 [GWh]	Forecasted Generation - Feb 2024 [GWh]
Major Hydro	138	244
Thermal - Coal	228	474
Thermal - Oil	58	315
Other Renewables	86	171
Total	510	1204

Forecasted Generation - SDDP February 2024

Estimated Cost of Generation - Feb 2024 (Mn LKR)

Major Hydro	764.25 Mn LKR
Thermal - Coal	5650.51 Mn LKR
Thermal - Furnace Oil	2715.17 Mn LKR
Thermal - Diesel	227.58 Mn LKR
Thermal - Naphtha	97.94 Mn LKR
Wind - CEB	76.09 Mn LKR
Wind - IPP	105.23 Mn LKR
Solar - IPP - Ground Mounted	168.40 Mn LKR
Solar - Roof Top	433.84 Mn LKR
Mini Hydro	536.94 Mn LKR
Municipal Solid Waste	184.04 Mn LKR
Total Generation Cost (Feb)	10,960.00 Mn LKR
Average Unit Cost of Generation (Feb)	21.50 LKR/kWh