



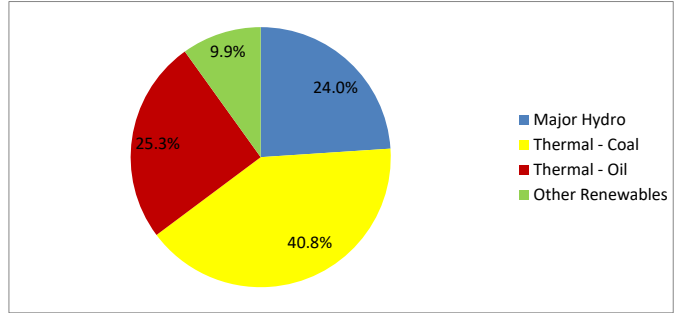
Daily Electricity Generation & Cost Estimation Report

08th March 2024



Daily Generation Mix - 08th March 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	11.43	24.0%
Thermal - Coal	19.48	40.8%
Thermal - Furnace Oil	8.46	17.7%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	3.61	7.6%
Wind - CEB	0.15	0.3%
Wind - IPP	0.11	0.2%
Solar - IPP - Ground Mounted	0.84	1.8%
Solar - Roof Top	1.67	3.5%
Mini Hydro	1.59	3.3%
Municipal Solid Waste	0.37	0.8%
Total	47.70	



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

Estimated Generation Cost : 08th March 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	40.0	40.0	0.00	0.00	3.50	3.50
Thermal - Coal	400.6	27.5	36.7	464.7	20.56	1.41	1.88	23.86
Thermal - Furnace Oil	384.8	14.7	51.3	450.8	45.50	1.74	6.06	53.30
Thermal - Diesel	0.0	2.3	7.6	9.9	0.00	0.00	0.00	0.00
Thermal - Naphtha	189.2	1.9	2.8	193.9	52.47	0.53	0.78	53.78
Wind - CEB	0.0	0.0	20.7	20.7	0.00	0.00	138.65	138.65
Wind - IPP	1.5	0.0	0.0	1.5	13.75	0.00	0.00	13.75
Solar - IPP - Ground Mounted	16.5	0.0	0.0	16.5	19.67	0.00	0.00	19.67
Solar - Roof Top	41.1	0.0	0.0	41.1	24.59	0.00	0.00	24.59
Mini Hydro	22.7	0.0	0.0	22.7	14.27	0.00	0.00	14.27
Municipal Solid Waste	12.9	0.0	0.0	12.9	35.02	0.00	0.00	35.02
Total	1069.3	46.3	159.1	1274.7	22.42	0.97	3.34	26.73

Note -

Start/Stop costs has been excluded in the calculation

Unit Cost of Generation for the day : **26.73** LKR/kWh
 Total Generation Cost for the day: **1274.68** Mn LKR

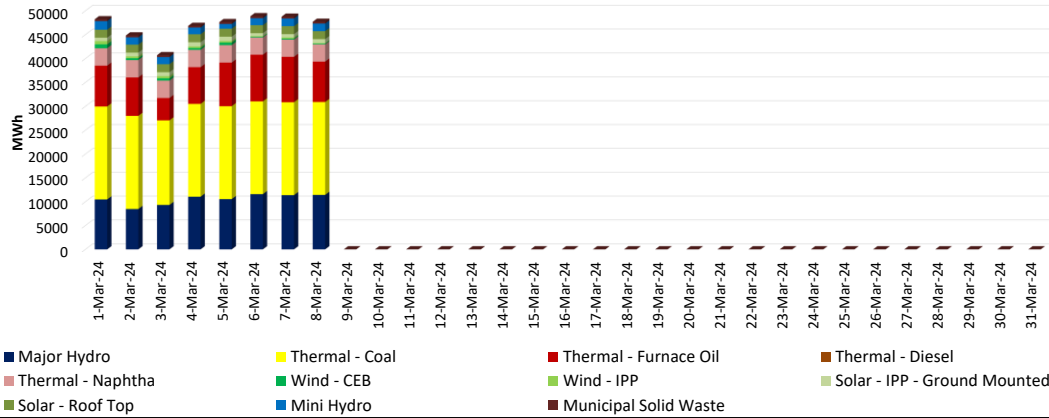
Fuel Prices

(as at 1st March 2024)

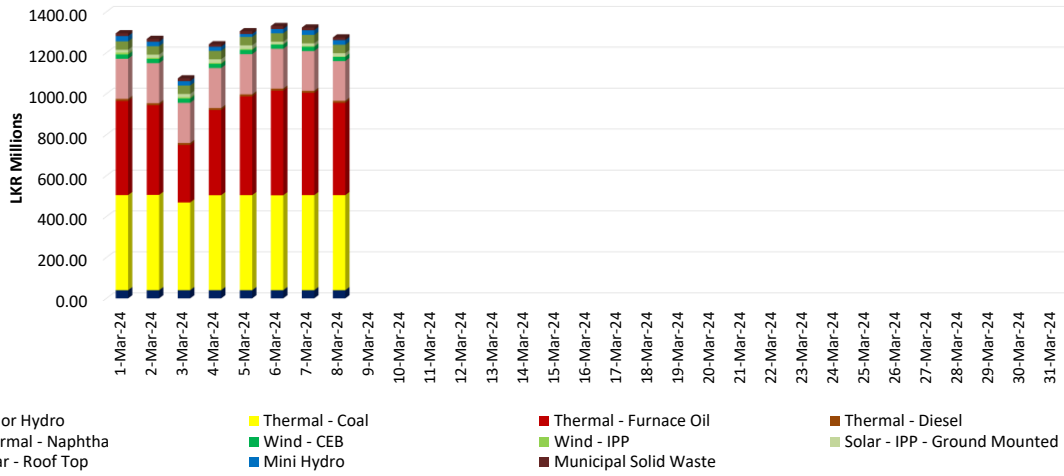
	Price (LKR/Liter or LKR/kg)
Furnace	199.00
*Coal	50.09
Naphtha	194.70
Auto Diesel	363.00

* February coal stock price

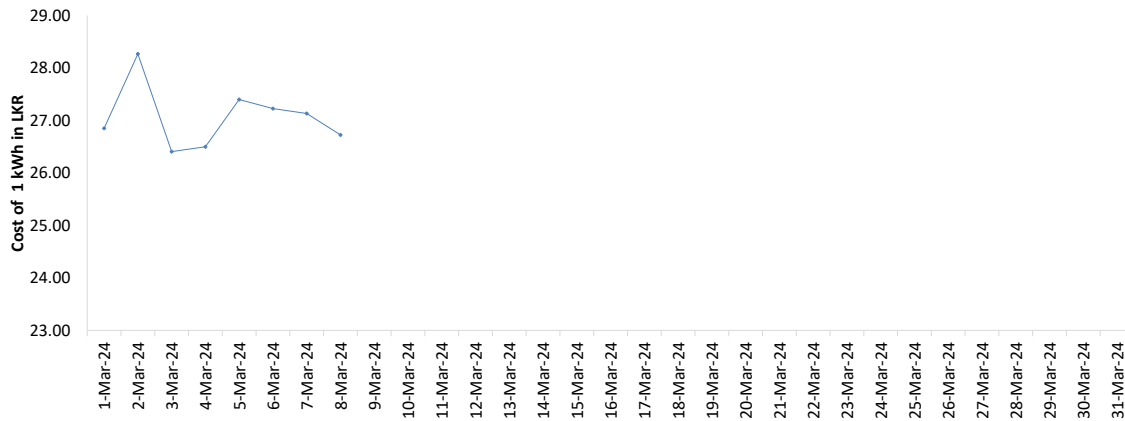
Generation Mix - March 2024

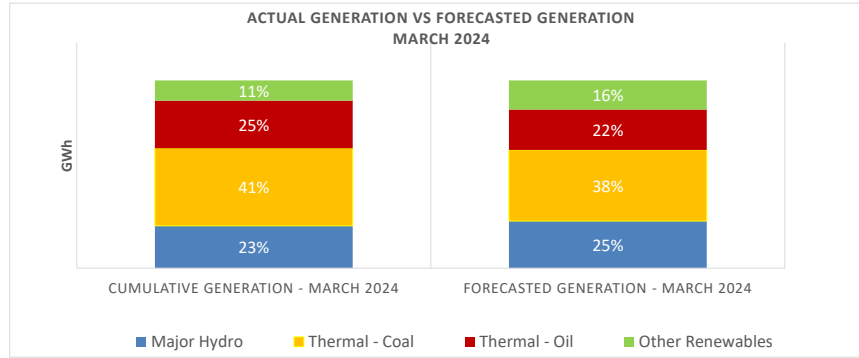


Cost of Generation - March 2024



Per Unit Cost of Generation - March 2024





	Cumulative Generation - March 2024 [GWh]	Forecasted Generation - March 2024 [GWh]
Major Hydro	84	348
Thermal - Coal	154	524
Thermal - Oil	95	298
Other Renewables	40	215
Total	374	1385

Forecasted Generation - SDDP February 2024

Estimated Cost of Generation - March 2024 (Mn LKR)

Major Hydro	320.00 Mn LKR
Thermal - Coal	3682.73 Mn LKR
Thermal - Furnace Oil	3539.15 Mn LKR
Thermal - Diesel	79.00 Mn LKR
Thermal - Naphtha	1560.99 Mn LKR
Wind - CEB	165.27 Mn LKR
Wind - IPP	36.43 Mn LKR
Solar - IPP - Ground Mounted	123.97 Mn LKR
Solar - Roof Top	328.58 Mn LKR
Mini Hydro	169.32 Mn LKR
Municipal Solid Waste	106.22 Mn LKR
Total Generation Cost (Mar)	10,111.65 Mn LKR
Average Unit Cost of Generation (Mar)	27.07 LKR/kWh