



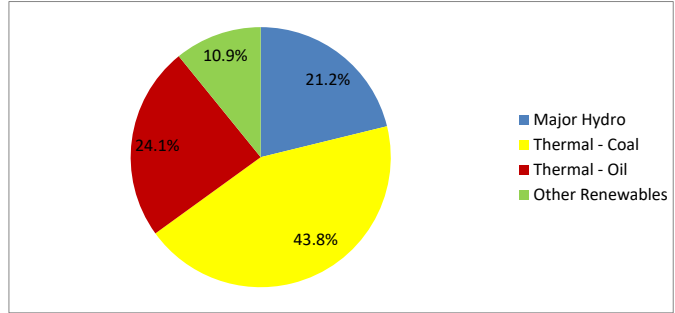
Daily Electricity Generation & Cost Estimation Report

9th March 2024



Daily Generation Mix - 9th March 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	9.39	21.2%
Thermal - Coal	19.45	43.8%
Thermal - Furnace Oil	7.95	17.9%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	2.75	6.2%
Wind - CEB	0.23	0.5%
Wind - IPP	0.20	0.5%
Solar - IPP - Ground Mounted	0.85	1.9%
Solar - Roof Top	1.67	3.8%
Mini Hydro	1.50	3.4%
Municipal Solid Waste	0.37	0.8%
Total	44.36	



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

Estimated Generation Cost : 9th 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	4.26	4.26
Thermal - Coal	400.0	27.5	36.7	464.1	20.56	1.41	1.89	23.86
Thermal - Furnace Oil	365.4	14.7	51.3	431.4	45.94	1.85	6.45	54.24
Thermal - Diesel	0.0	2.3	7.6	9.9	0.00	0.00	0.00	0.00
Thermal - Naphtha	144.1	1.9	2.8	148.8	52.47	0.70	1.02	54.19
Wind - CEB	0.0	0.0	20.7	20.7	0.00	0.00	90.61	90.61
Wind - IPP	2.8	0.0	0.0	2.8	13.75	0.00	0.00	13.75
Solar - IPP - Ground Mounted	16.6	0.0	0.0	16.6	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	21.4	0.0	0.0	21.4	14.27	0.00	0.00	14.27
Municipal Solid Waste	13.0	0.0	0.0	13.0	35.02	0.00	0.00	35.02
Total	1004.3	46.3	159.1	1209.7	22.64	1.04	3.59	27.27

Note -

Start/Stop costs has been excluded in the calculation

Unit Cost of Generation for the day : **27.27** LKR/kWh
 Total Generation Cost for the day: **1209.67** Mn LKR

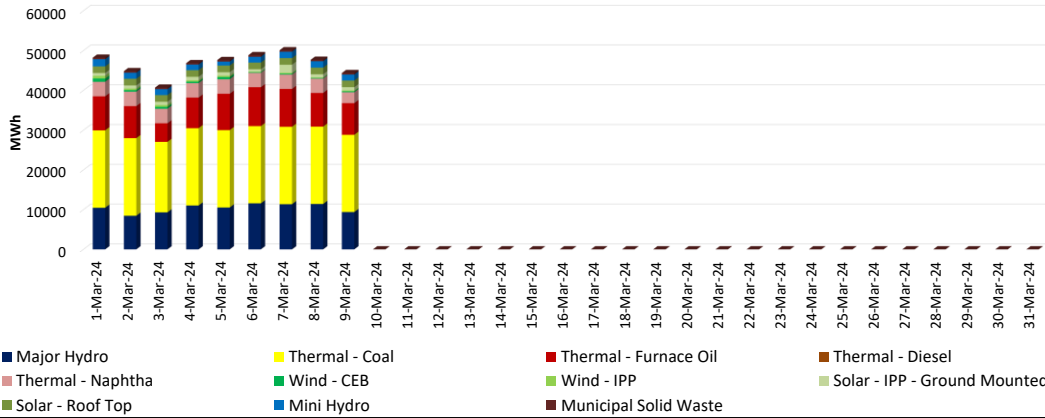
Fuel Prices

(as at 1st March 2024)

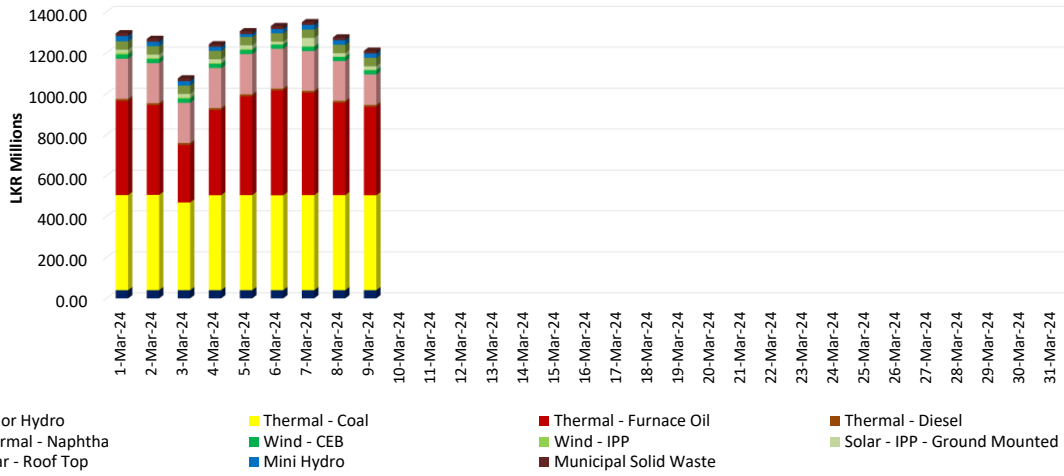
	Price (LKR/Liter or LKR/kg)
Furnace	199.00
*Coal	50.09
Naphtha	194.70
Auto Diesel	363.00

* February coal stock price

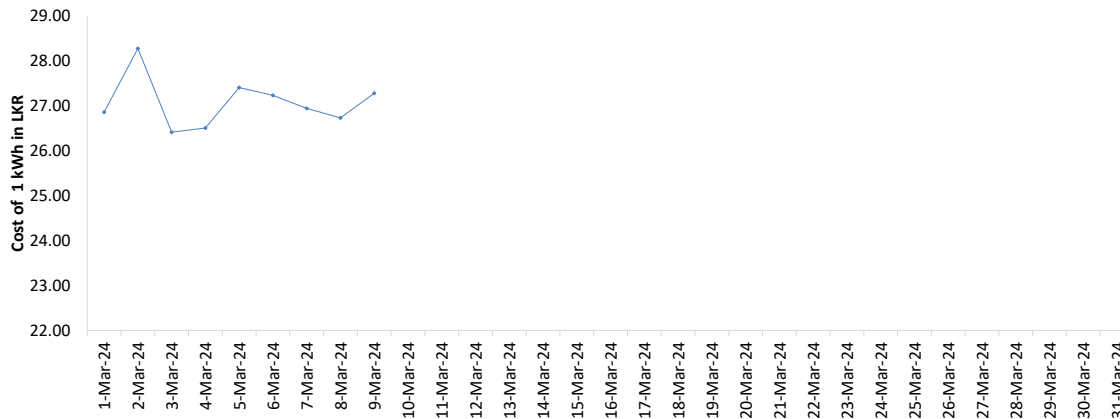
Generation Mix - March 2024

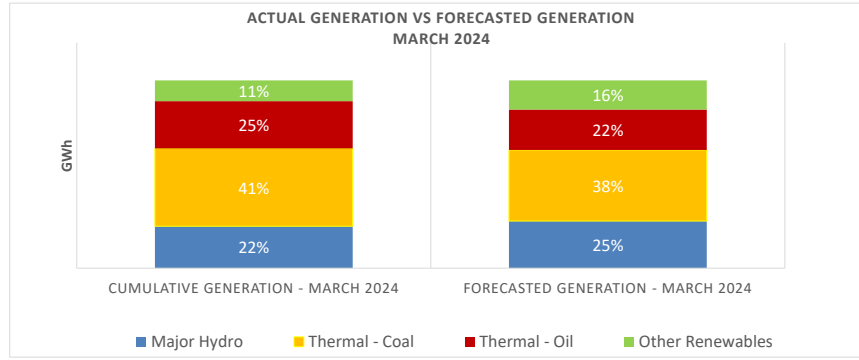


Cost of Generation - March 2024



Per Unit Cost of Generation - March 2024





	Cumulative Generation - March 2024 [GWh]	Forecasted Generation - March 2024 [GWh]
Major Hydro	94	348
Thermal - Coal	174	524
Thermal - Oil	106	298
Other Renewables	46	215
Total	419	1385

Forecasted Generation - SDDP February 2024

Estimated Cost of Generation - March 2024 (Mn LKR)

Major Hydro	360.00 Mn LKR
Thermal - Coal	4146.84 Mn LKR
Thermal - Furnace Oil	3970.52 Mn LKR
Thermal - Diesel	88.88 Mn LKR
Thermal - Naphtha	1709.80 Mn LKR
Wind - CEB	185.92 Mn LKR
Wind - IPP	39.18 Mn LKR
Solar - IPP - Ground Mounted	166.77 Mn LKR
Solar - Roof Top	369.65 Mn LKR
Mini Hydro	190.70 Mn LKR
Municipal Solid Waste	119.22 Mn LKR
Total Generation Cost (Mar)	11,347.48 Mn LKR
Average Unit Cost of Generation (Mar)	27.07 LKR/kWh