



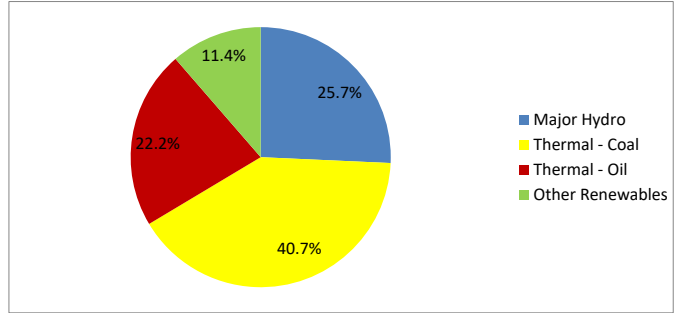
Daily Electricity Generation & Cost Estimation Report

11th March 2024



Daily Generation Mix - 11th March 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	12.28	25.7%
Thermal - Coal	19.44	40.7%
Thermal - Furnace Oil	7.18	15.0%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	3.43	7.2%
Wind - CEB	0.68	1.4%
Wind - IPP	0.54	1.1%
Solar - IPP - Ground Mounted	0.90	1.9%
Solar - Roof Top	1.67	3.5%
Mini Hydro	1.21	2.5%
Municipal Solid Waste	0.43	0.9%
Total	47.76	



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 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	3.26	3.26
Thermal - Coal	399.7	27.5	36.7	463.9	20.56	1.41	1.89	23.87
Thermal - Furnace Oil	326.2	14.7	51.3	392.2	45.43	2.05	7.14	54.62
Thermal - Diesel	0.0	2.3	7.6	9.9	0.00	0.00	0.00	0.00
Thermal - Naphtha	179.8	1.9	2.8	184.5	52.47	0.56	0.82	53.85
Wind - CEB	0.0	0.0	20.7	20.7	0.00	0.00	30.29	30.29
Wind - IPP	7.5	0.0	0.0	7.5	13.75	0.00	0.00	13.75
Solar - IPP - Ground Mounted	17.8	0.0	0.0	17.8	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	17.2	0.0	0.0	17.2	14.27	0.00	0.00	14.27
Municipal Solid Waste	14.9	0.0	0.0	14.9	35.02	0.00	0.00	35.02
Total	1004.1	46.3	159.1	1209.5	21.03	0.97	3.33	25.33

Note -

Start/Stop costs has been excluded in the calculation

Unit Cost of Generation for the day : **25.33** LKR/kWh
 Total Generation Cost for the day: **1209.51** Mn LKR

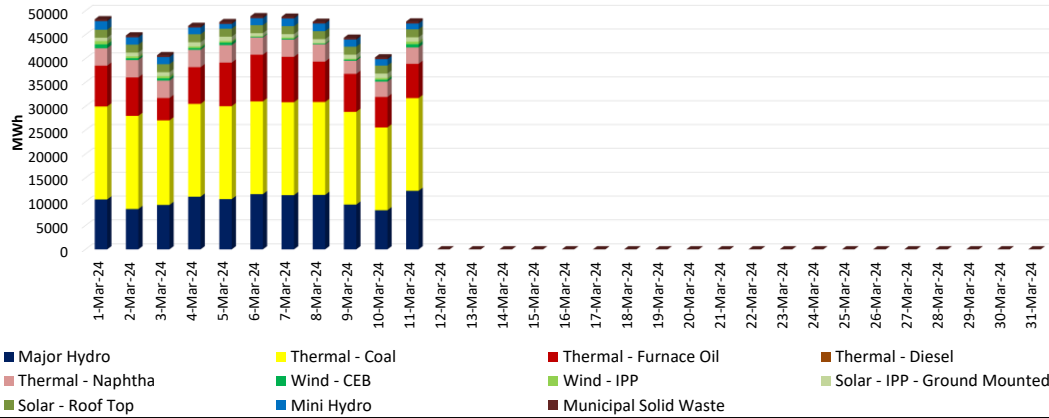
Fuel Prices

(as at 1st March 2024)

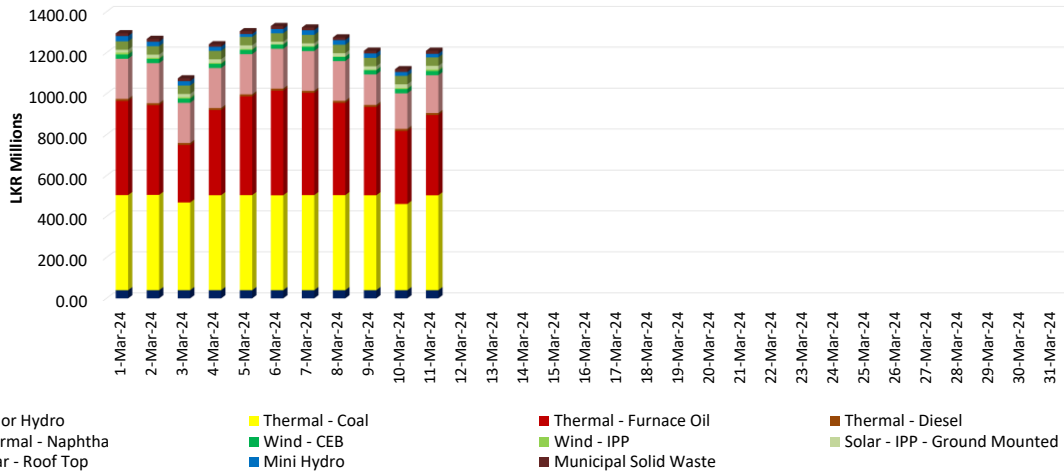
	Price (LKR/Liter or LKR/kg)
Furnace	199.00
*Coal	50.09
Naphtha	194.70
Auto Diesel	363.00

* February coal stock price

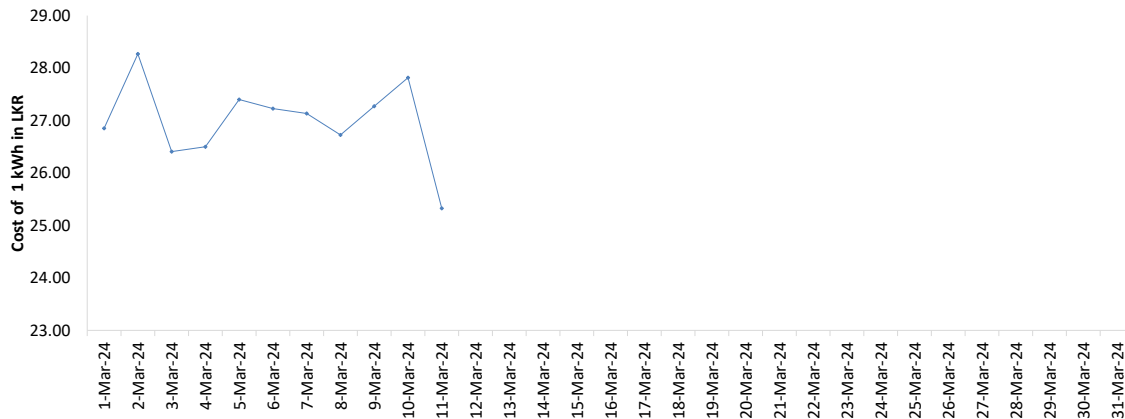
Generation Mix - March 2024

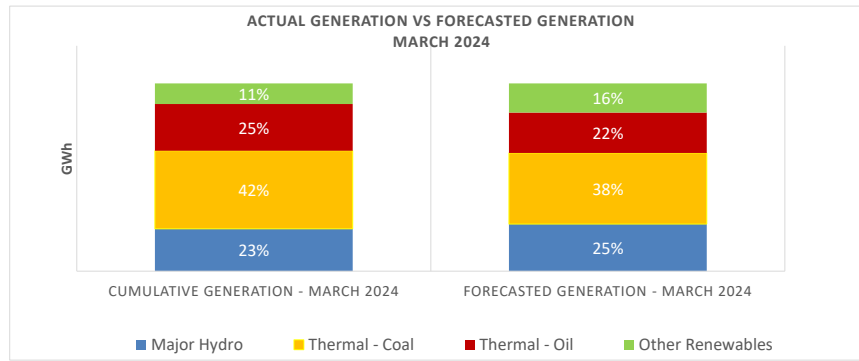


Cost of Generation - March 2024



Per Unit Cost of Generation - March 2024





	Cumulative Generation - March 2024 [GWh]	Forecasted Generation - March 2024 [GWh]
Major Hydro	114	348
Thermal - Coal	210	524
Thermal - Oil	126	298
Other Renewables	56	215
Total	506	1385

Forecasted Generation - SDDP February 2024

Estimated Cost of Generation - March 2024 (Mn LKR)

Major Hydro	440.00 Mn LKR
Thermal - Coal	5032.07 Mn LKR
Thermal - Furnace Oil	4719.89 Mn LKR
Thermal - Diesel	108.63 Mn LKR
Thermal - Naphtha	2067.87 Mn LKR
Wind - CEB	227.24 Mn LKR
Wind - IPP	51.65 Mn LKR
Solar - IPP - Ground Mounted	176.84 Mn LKR
Solar - Roof Top	451.79 Mn LKR
Mini Hydro	226.87 Mn LKR
Municipal Solid Waste	147.48 Mn LKR
Total Generation Cost (Mar)	13,650.33 Mn LKR
Average Unit Cost of Generation (Mar)	26.98 LKR/kWh