



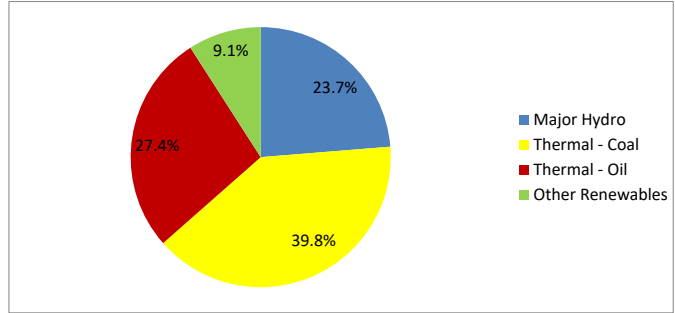
Daily Electricity Generation & Cost Estimation Report

06th March 2024



Daily Generation Mix - 06th March 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	11.59	23.7%
Thermal - Coal	19.44	39.8%
Thermal - Furnace Oil	9.78	20.0%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	3.61	7.4%
Wind - CEB	0.15	0.3%
Wind - IPP	0.12	0.2%
Solar - IPP - Ground Mounted	0.63	1.3%
Solar - Roof Top	1.67	3.4%
Mini Hydro	1.46	3.0%
Municipal Solid Waste	0.41	0.8%
Total	48.86	



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

Estimated Generation Cost : 06th 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	3.45	3.45
Thermal - Coal	399.8	27.5	36.7	464.0	20.56	1.41	1.89	23.86
Thermal - Furnace Oil	445.3	14.7	51.3	511.3	45.54	1.50	5.25	52.29
Thermal - Diesel	0.0	2.3	7.6	9.9	0.00	0.00	0.00	0.00
Thermal - Naphtha	189.5	1.9	2.8	194.3	52.47	0.53	0.78	53.78
Wind - CEB	0.0	0.0	20.7	20.7	0.00	0.00	135.91	135.91
Wind - IPP	1.7	0.0	0.0	1.7	13.75	0.00	0.00	13.75
Solar - IPP - Ground Mounted	12.4	0.0	0.0	12.4	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	20.8	0.0	0.0	20.8	14.27	0.00	0.00	14.27
Municipal Solid Waste	14.3	0.0	0.0	14.3	35.02	0.00	0.00	35.02
Total	1124.9	46.3	159.1	1330.3	23.02	0.95	3.26	27.23

Note -

Start/Stop costs has been excluded in the calculation

Unit Cost of Generation for the day : **27.23** LKR/kWh
 Total Generation Cost for the day: **1330.32** Mn LKR

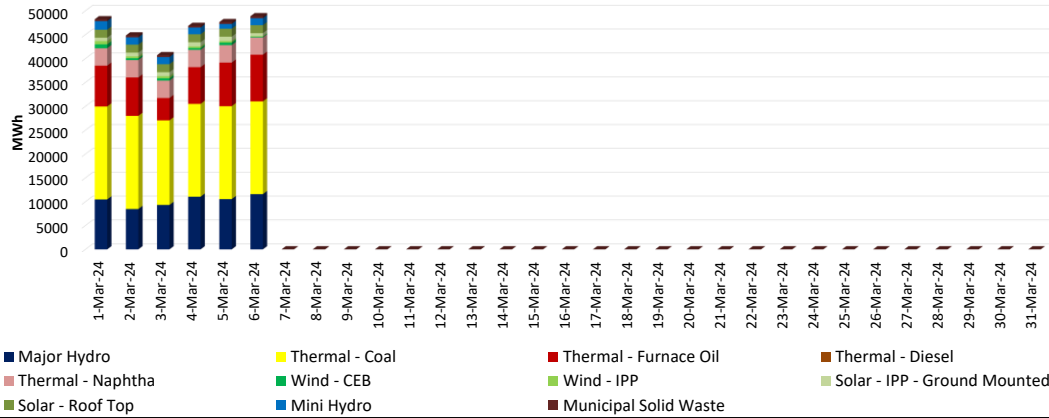
Fuel Prices

(as at 1st March 2024)

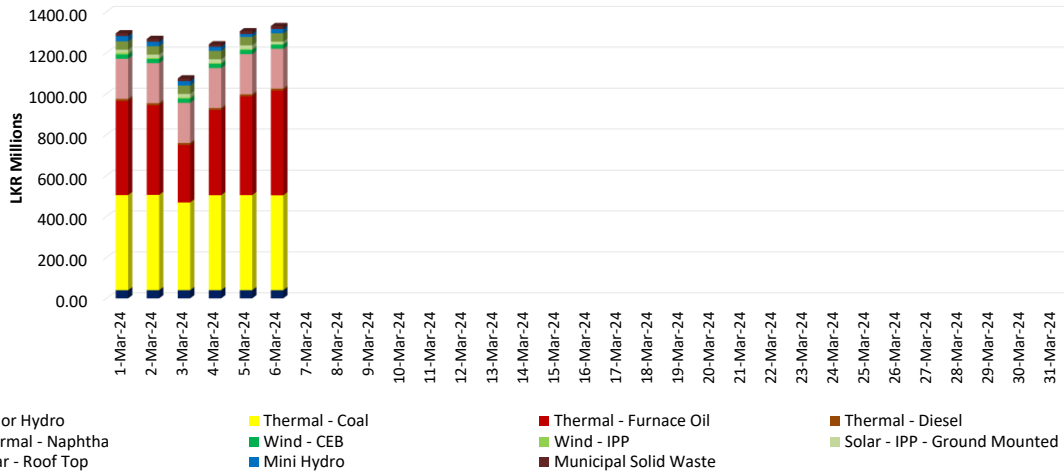
	Price (LKR/Liter or LKR/kg)
Furnace	199.00
*Coal	50.09
Naphtha	194.70
Auto Diesel	363.00

* February coal stock price

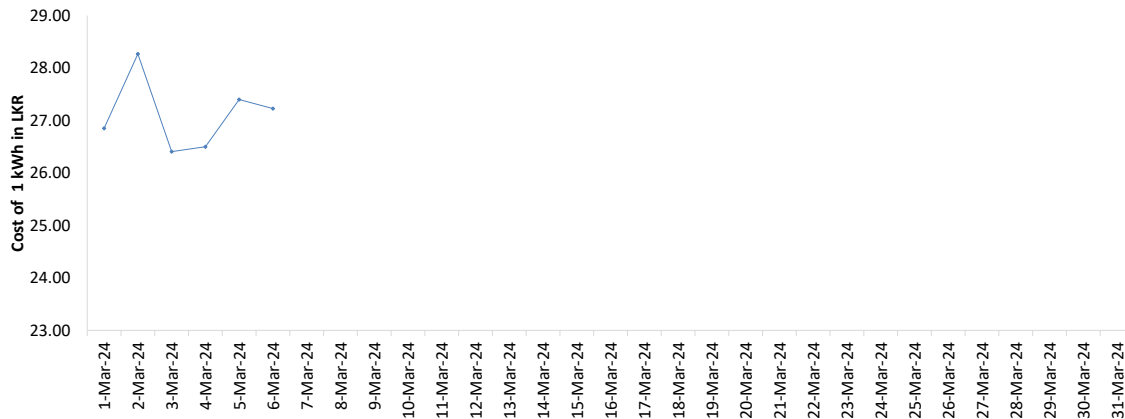
Generation Mix - March 2024

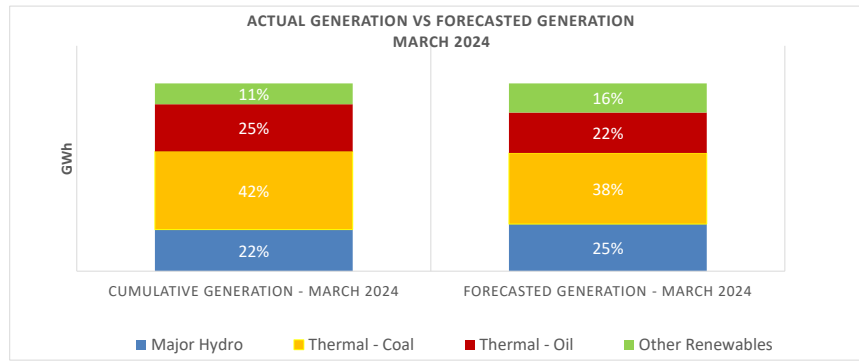


Cost of Generation - March 2024



Per Unit Cost of Generation - March 2024





	Cumulative Generation - March 2024 [GWh]	Forecasted Generation - March 2024 [GWh]
Major Hydro	61	348
Thermal - Coal	115	524
Thermal - Oil	70	298
Other Renewables	31	215
Total	277	1385

Forecasted Generation - SDDP February 2024

Estimated Cost of Generation - March 2024 (Mn LKR)

Major Hydro	240.00 Mn LKR
Thermal - Coal	2753.10 Mn LKR
Thermal - Furnace Oil	2588.87 Mn LKR
Thermal - Diesel	59.25 Mn LKR
Thermal - Naphtha	1172.91 Mn LKR
Wind - CEB	123.95 Mn LKR
Wind - IPP	31.72 Mn LKR
Solar - IPP - Ground Mounted	93.52 Mn LKR
Solar - Roof Top	246.43 Mn LKR
Mini Hydro	123.83 Mn LKR
Municipal Solid Waste	80.34 Mn LKR
Total Generation Cost (Mar)	7,513.91 Mn LKR
Average Unit Cost of Generation (Mar)	27.12 LKR/kWh