



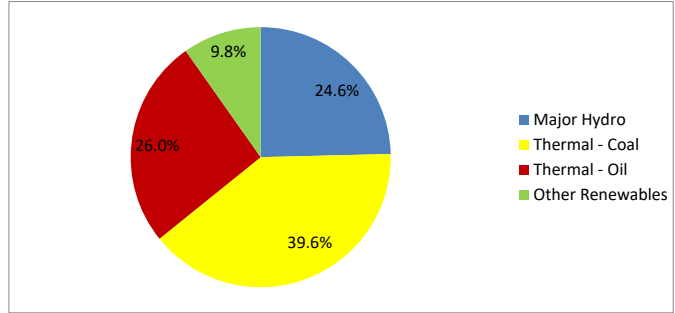
Daily Electricity Generation & Cost Estimation Report

12th March 2024



Daily Generation Mix - 12th March 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	12.11	24.6%
Thermal - Coal	19.48	39.6%
Thermal - Furnace Oil	8.49	17.3%
Thermal - Diesel	0.76	1.6%
Thermal - Naphtha	3.55	7.2%
Wind - CEB	0.34	0.7%
Wind - IPP	0.32	0.7%
Solar - IPP - Ground Mounted	0.90	1.8%
Solar - Roof Top	1.67	3.4%
Mini Hydro	1.19	2.4%
Municipal Solid Waste	0.38	0.8%
Total	49.21	



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 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	3.30	3.30
Thermal - Coal	400.6	27.5	36.7	464.8	20.56	1.41	1.88	23.86
Thermal - Furnace Oil	384.8	14.7	51.3	450.8	45.33	1.73	6.04	53.11
Thermal - Diesel	61.2	2.3	7.6	71.0	80.16	2.97	9.97	93.10
Thermal - Naphtha	186.3	1.9	2.8	191.0	52.47	0.54	0.79	53.80
Wind - CEB	0.0	0.0	20.7	20.7	0.00	0.00	60.05	60.05
Wind - IPP	4.4	0.0	0.0	4.4	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	17.0	0.0	0.0	17.0	14.27	0.00	0.00	14.27
Municipal Solid Waste	13.2	0.0	0.0	13.2	35.02	0.00	0.00	35.02
Total	1126.5	46.3	159.1	1331.9	22.89	0.94	3.23	27.07

Note -

Start/Stop costs has been excluded in the calculation

Unit Cost of Generation for the day :

27.07

LKR/kWh

Total Generation Cost for the day:

1331.85

Mn LKR

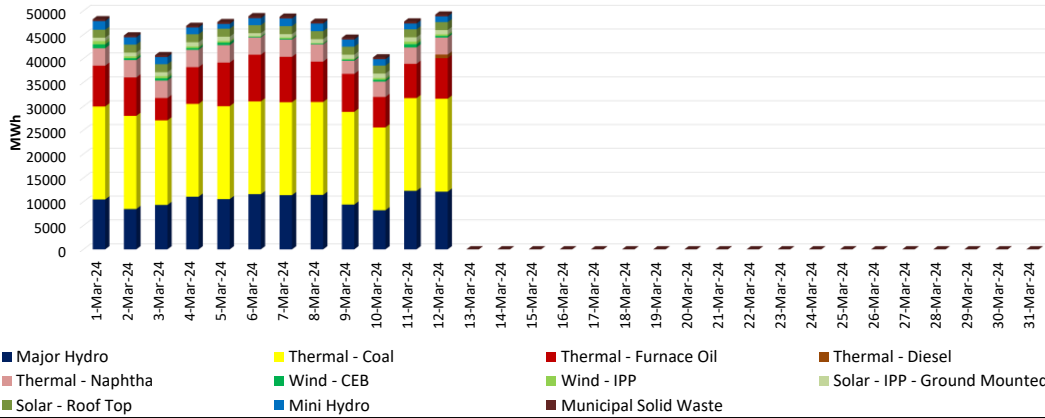
Fuel Prices

(as at 1st March 2024)

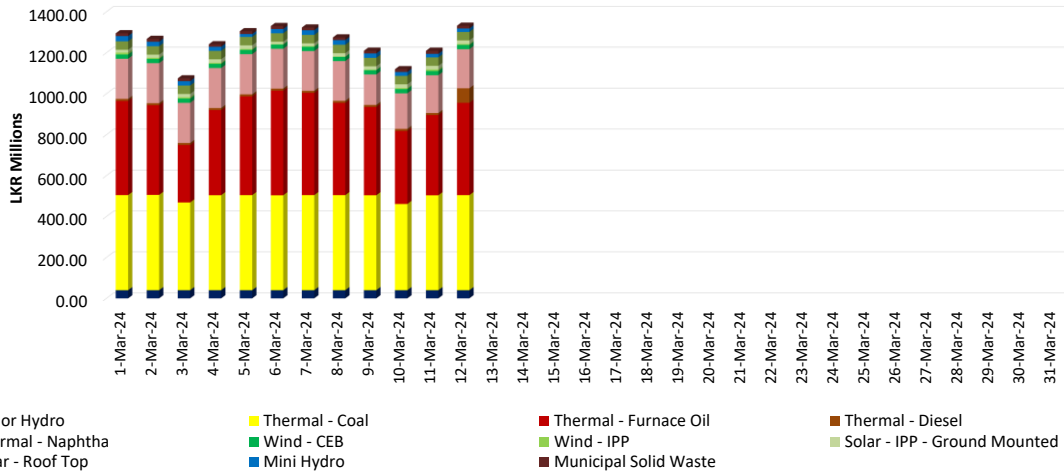
	Price (LKR/Liter or LKR/kg)
Furnace	199.00
*Coal	50.09
Naphtha	194.70
Auto Diesel	363.00

* February coal stock price

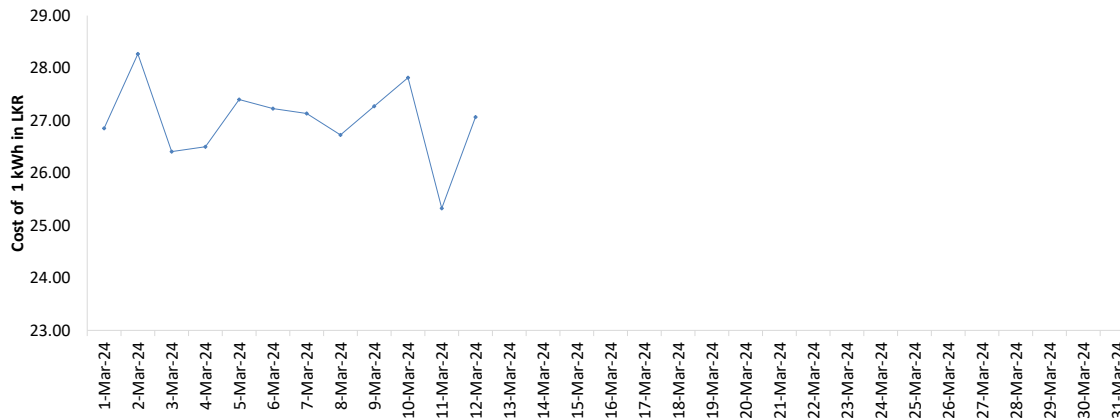
Generation Mix - March 2024

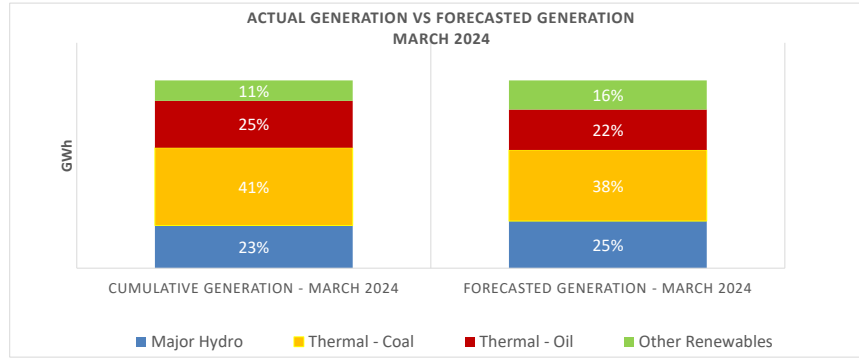


Cost of Generation - March 2024



Per Unit Cost of Generation - March 2024





	Cumulative Generation - March 2024 [GWh]	Forecasted Generation - March 2024 [GWh]
Major Hydro	126	348
Thermal - Coal	230	524
Thermal - Oil	139	298
Other Renewables	60	215
Total	555	1385

Forecasted Generation - SDDP February 2024

Estimated Cost of Generation - March 2024 (Mn LKR)

Major Hydro	480.00 Mn LKR
Thermal - Coal	5496.86 Mn LKR
Thermal - Furnace Oil	5170.70 Mn LKR
Thermal - Diesel	179.67 Mn LKR
Thermal - Naphtha	2258.87 Mn LKR
Wind - CEB	247.90 Mn LKR
Wind - IPP	56.09 Mn LKR
Solar - IPP - Ground Mounted	194.62 Mn LKR
Solar - Roof Top	492.87 Mn LKR
Mini Hydro	243.89 Mn LKR
Municipal Solid Waste	160.72 Mn LKR
Total Generation Cost (Mar)	14,982.18 Mn LKR

Generation Energy Cost (Mar)	12,517.34 Mn LKR
Generation Capacity Cost (Mar)	1,908.92 Mn LKR
Other Cost (Mar)	555.93 Mn LKR

Average Unit Cost of Generation (Mar) 26.99 LKR/kWh