



Daily Electricity Generation & Cost Estimation Report

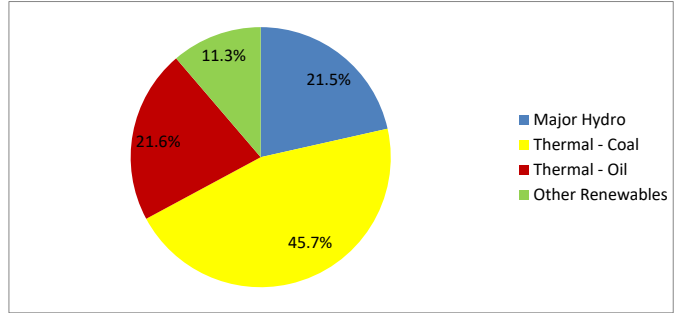
31st March 2024

Report updated on 9th April 2024.



Daily Generation Mix - 31st March 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	9.15	21.5%
Thermal - Coal	19.44	45.7%
Thermal - Furnace Oil	6.06	14.2%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	3.13	7.3%
Wind - CEB	0.19	0.4%
Wind - IPP	0.21	0.5%
Solar - IPP - Ground Mounted	0.88	2.1%
Solar - Roof Top	1.67	3.9%
Mini Hydro	1.48	3.5%
Municipal Solid Waste	0.38	0.9%
Total	42.57	



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

Estimated Generation Cost : 31st 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	4.37	4.37
Thermal - Coal	408.4	27.5	36.7	472.6	21.01	1.41	1.89	24.31
Thermal - Furnace Oil	279.0	14.7	51.3	345.0	46.03	2.42	8.46	56.92
Thermal - Diesel	0.0	2.3	7.6	9.9	0.00	0.00	0.00	0.00
Thermal - Naphtha	194.7	1.9	2.8	199.5	62.26	0.61	0.90	63.76
Wind - CEB	0.0	0.0	20.7	20.7	0.00	0.00	111.67	111.67
Wind - IPP	2.9	0.0	0.0	2.9	13.75	0.00	0.00	13.75
Solar - IPP - Ground Mounted	17.2	0.0	0.0	17.2	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	21.1	0.0	0.0	21.1	14.27	0.00	0.00	14.27
Municipal Solid Waste	13.4	0.0	0.0	13.4	35.02	0.00	0.00	35.02
Total	977.7	46.3	159.1	1183.1	22.97	1.09	3.74	27.79

Note -

Start/Stop costs has been excluded in the calculation

Unit Cost of Generation for the day : **27.79** **LKR/kWh**
Total Generation Cost for the day: **1183.14** **Mn LKR**

Fuel Prices

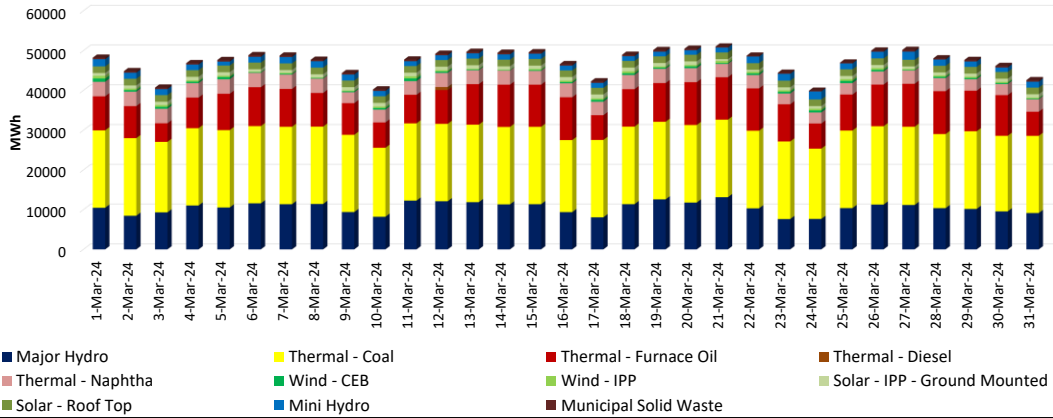
(11th March 2024)

	Price (LKR/Liter or LKR/kg)
Furnace	202.00
Coal	51.18
Naphtha	231.00
Auto Diesel	363.00

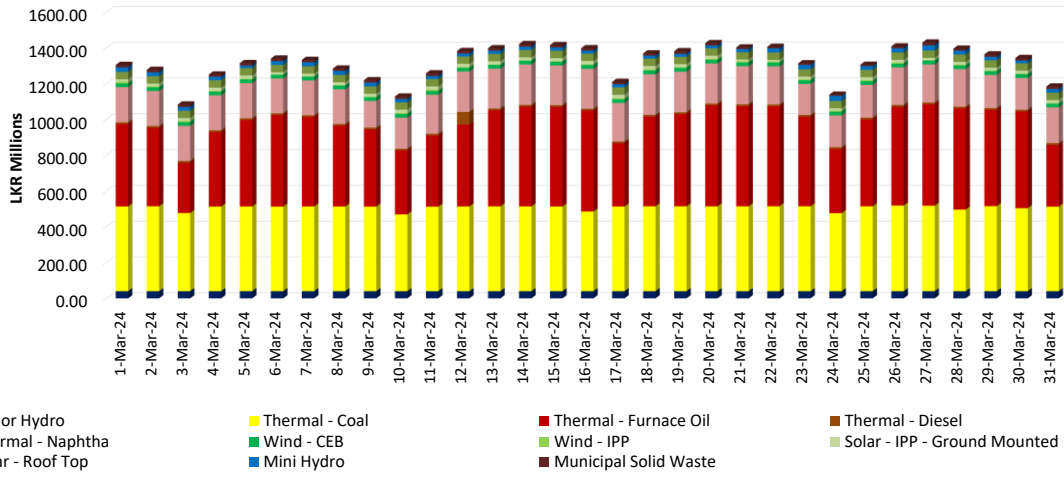
Fuel Prices Applicable from March 1st to 10th:

Coal - 51.18 LKR/kg
 Furnace Oil - 199 LKR/Liter
 Naphtha - 194.70 LKR/Liter
 Diesel - 363 LKR/Liter

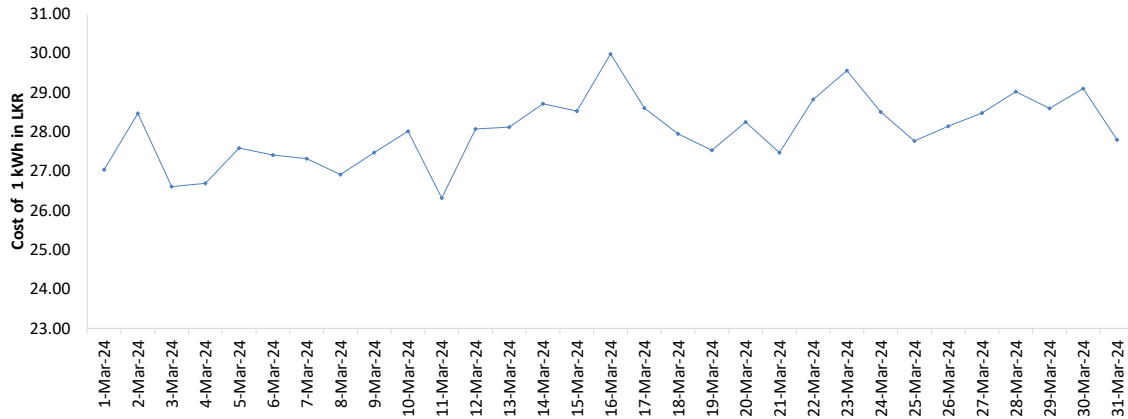
Generation Mix - March 2024

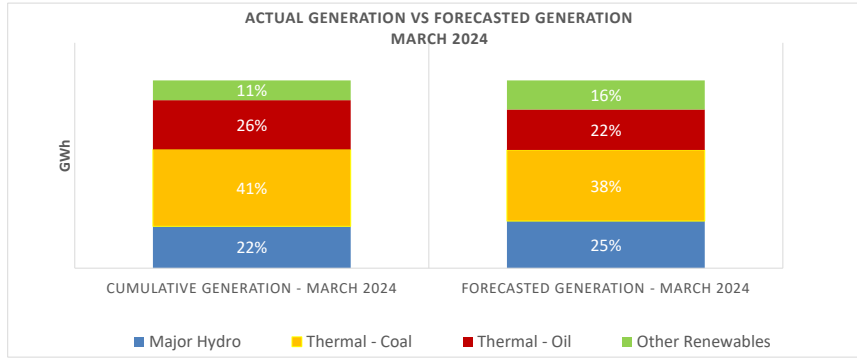


Cost of Generation - March 2024



Per Unit Cost of Generation - March 2024





	Cumulative Generation - March 2024 [GWh]	Forecasted Generation - March 2024 [GWh]
Major Hydro	325	348
Thermal - Coal	596	524
Thermal - Oil	383	298
Other Renewables	153	215
Total	1458	1385

Forecasted Generation - SDDP February 2024

Estimated Cost of Generation - March 2024 (Mn LKR)

Major Hydro	1239.99 Mn LKR
Thermal - Coal	14521.38 Mn LKR
Thermal - Furnace Oil	14891.38 Mn LKR
Thermal - Diesel	369.26 Mn LKR
Thermal - Naphtha	6267.24 Mn LKR
Wind - CEB	640.40 Mn LKR
Wind - IPP	143.49 Mn LKR
Solar - IPP - Ground Mounted	492.64 Mn LKR
Solar - Roof Top	1273.23 Mn LKR
Mini Hydro	632.65 Mn LKR
Municipal Solid Waste	380.17 Mn LKR
Total Generation Cost (Mar)	40,851.84 Mn LKR

Generation Energy Cost (Mar)	34,484.32 Mn LKR
Generation Capacity Cost (Mar)	4,931.38 Mn LKR
Other Cost (Mar)	1,436.14 Mn LKR

Average Unit Cost of Generation (Mar) 28.02 LKR/kWh