



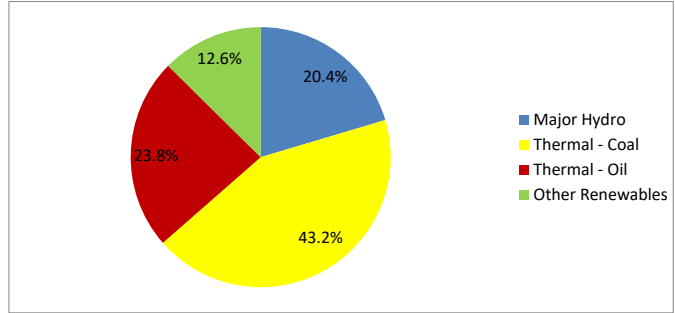
Daily Electricity Generation & Cost Estimation Report

10th March 2024



Daily Generation Mix - 10th March 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	8.21	20.4%
Thermal - Coal	17.37	43.2%
Thermal - Furnace Oil	6.38	15.8%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	3.22	8.0%
Wind - CEB	0.39	1.0%
Wind - IPP	0.36	0.9%
Solar - IPP - Ground Mounted	0.94	2.3%
Solar - Roof Top	1.67	4.1%
Mini Hydro	1.33	3.3%
Municipal Solid Waste	0.38	0.9%
Total	40.25	



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

Estimated Generation Cost : 10th 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	4.87	4.87
Thermal - Coal	357.2	27.5	36.7	421.3	20.56	1.58	2.11	24.26
Thermal - Furnace Oil	291.2	14.7	51.3	357.2	45.66	2.30	8.04	56.00
Thermal - Diesel	0.0	2.3	7.6	9.9	0.00	0.00	0.00	0.00
Thermal - Naphtha	168.9	1.9	2.8	173.6	52.47	0.60	0.87	53.94
Wind - CEB	0.0	0.0	20.7	20.7	0.00	0.00	52.70	52.70
Wind - IPP	5.0	0.0	0.0	5.0	13.75	0.00	0.00	13.75
Solar - IPP - Ground Mounted	18.5	0.0	0.0	18.5	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	18.9	0.0	0.0	18.9	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	914.1	46.3	159.1	1119.5	22.71	1.15	3.95	27.82

Note -

Start/Stop costs has been excluded in the calculation

Unit Cost of Generation for the day : **27.82** LKR/kWh
 Total Generation Cost for the day: **1119.50** Mn LKR

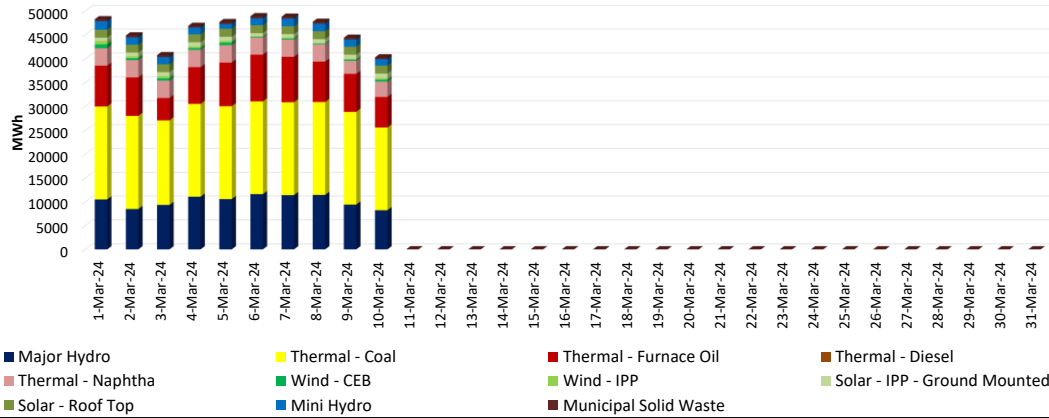
Fuel Prices

(as at 1st March 2024)

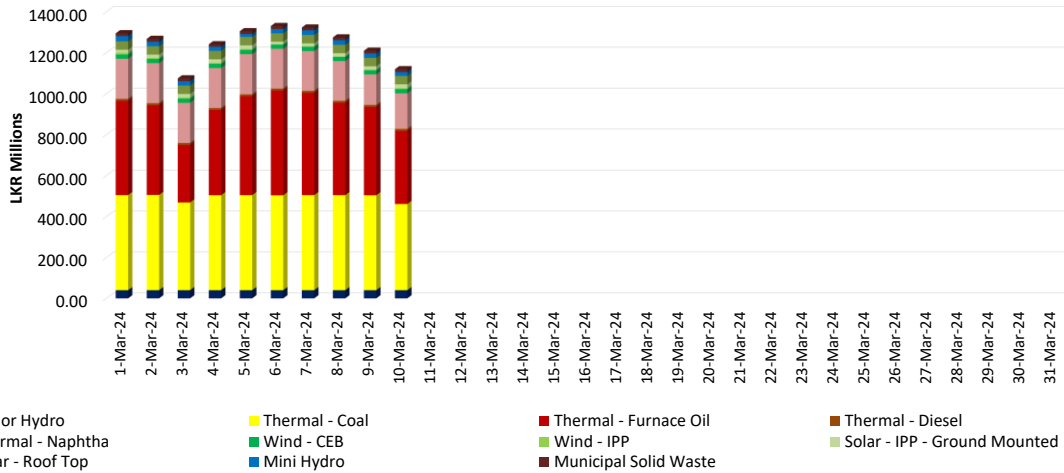
	Price (LKR/Liter or LKR/kg)
Furnace	199.00
*Coal	50.09
Naphtha	194.70
Auto Diesel	363.00

* February coal stock price

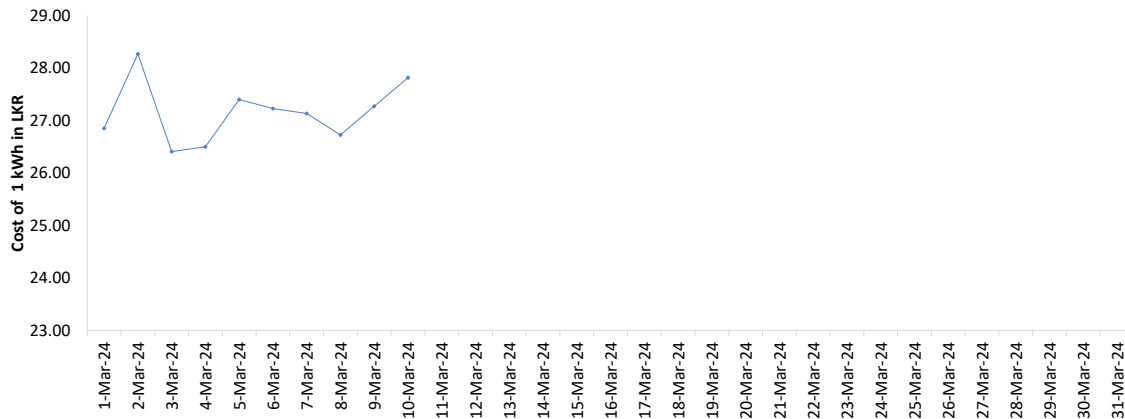
Generation Mix - March 2024

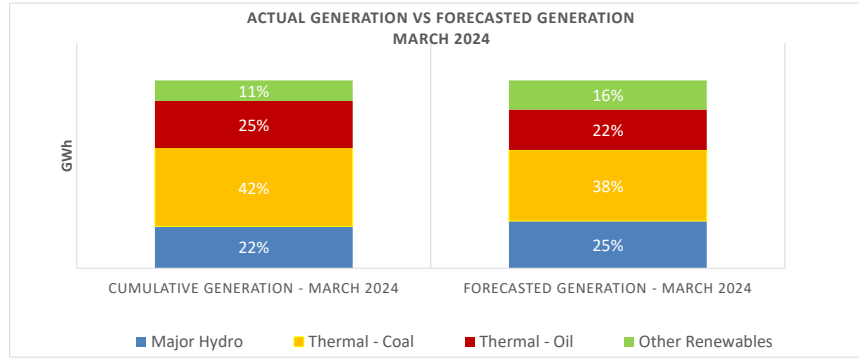


Cost of Generation - March 2024



Per Unit Cost of Generation - March 2024





	Cumulative Generation - March 2024 [GWh]	Forecasted Generation - March 2024 [GWh]
Major Hydro	102	348
Thermal - Coal	191	524
Thermal - Oil	115	298
Other Renewables	50	215
Total	458	1385

Forecasted Generation - SDDP February 2024

Estimated Cost of Generation - March 2024 (Mn LKR)

Major Hydro	400.00 Mn LKR
Thermal - Coal	4568.18 Mn LKR
Thermal - Furnace Oil	4327.72 Mn LKR
Thermal - Diesel	98.75 Mn LKR
Thermal - Naphtha	1883.38 Mn LKR
Wind - CEB	206.58 Mn LKR
Wind - IPP	44.16 Mn LKR
Solar - IPP - Ground Mounted	159.08 Mn LKR
Solar - Roof Top	410.72 Mn LKR
Mini Hydro	209.65 Mn LKR
Municipal Solid Waste	132.60 Mn LKR
Total Generation Cost (Mar)	12,440.82 Mn LKR
Average Unit Cost of Generation (Mar)	27.15 LKR/kWh