



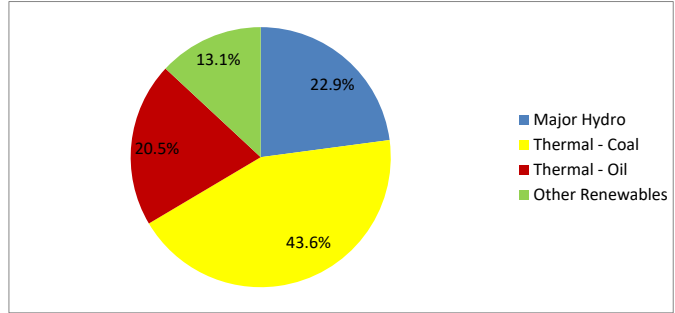
Daily Electricity Generation & Cost Estimation Report

3rd March 2024



Daily Generation Mix - 3rd March 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	9.32	22.9%
Thermal - Coal	17.74	43.6%
Thermal - Furnace Oil	4.68	11.5%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	3.65	9.0%
Wind - CEB	0.48	1.2%
Wind - IPP	0.46	1.1%
Solar - IPP - Ground Mounted	0.82	2.0%
Solar - Roof Top	1.67	4.1%
Mini Hydro	1.50	3.7%
Municipal Solid Waste	0.38	0.9%
Total	40.70	



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

Estimated Generation Cost : 3rd 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	59.6	59.6	0.00	0.00	6.39	6.39
Thermal - Coal	364.8	8.2	66.1	439.1	20.56	0.46	3.72	24.75
Thermal - Furnace Oil	214.9	6.0	60.8	281.8	45.94	1.28	13.00	60.22
Thermal - Diesel	0.0	1.8	15.9	17.7	0.00	0.00	0.00	0.00
Thermal - Naphtha	191.3	1.2	6.5	198.9	52.47	0.32	1.78	54.57
Wind - CEB	0.0	0.0	5.9	5.9	0.00	0.00	12.28	12.28
Wind - IPP	6.4	0.0	0.0	6.4	13.75	0.00	0.00	13.75
Solar - IPP - Ground Mounted	16.1	0.0	0.0	16.1	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	21.4	0.0	0.0	21.4	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	869.4	17.1	214.8	1101.4	21.36	0.42	5.28	27.06

Note -

Start/Stop costs has been excluded in the calculation

Capacity Cost : 2023 Sept BST submission has been considered in the calculation

Unit Cost of Generation for the day : 27.06 LKR/kWh
Total Generation Cost for the day: 1101.38 Mn LKR

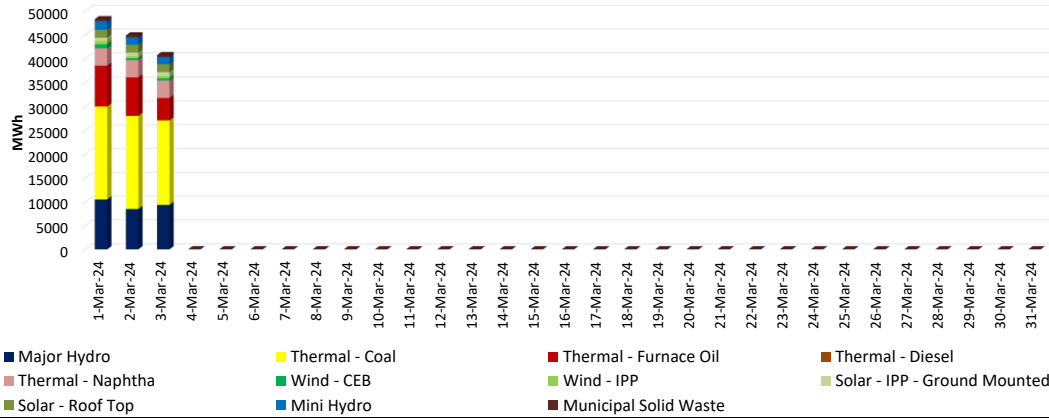
Fuel Prices

(as at 1st March 2024)

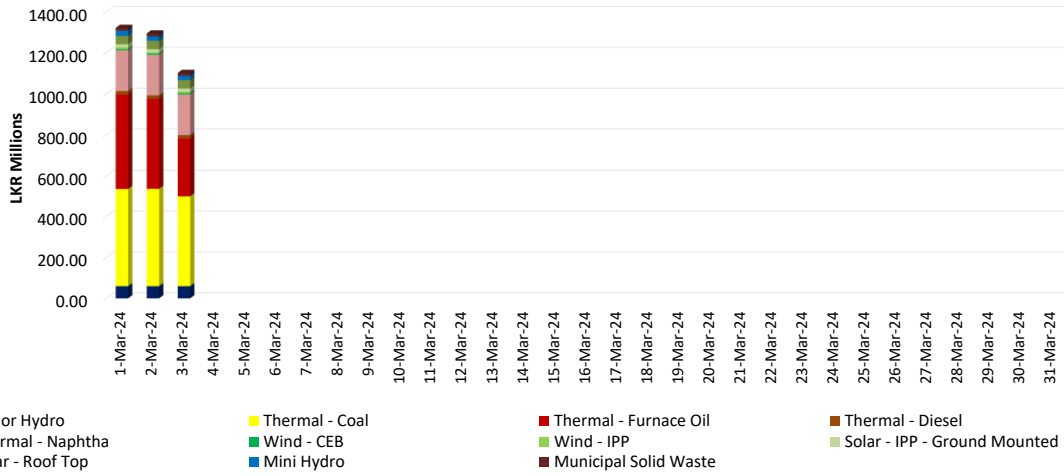
	Price (LKR/Liter or LKR/kg)
Furnace	199.00
*Coal	50.09
Naphtha	194.70
Auto Diesel	363.00

* February coal stock price

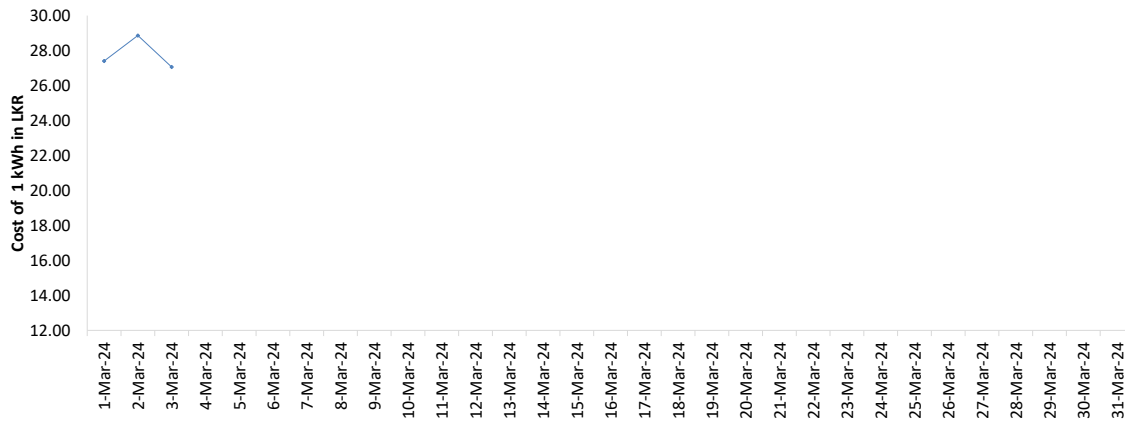
Generation Mix - March 2024

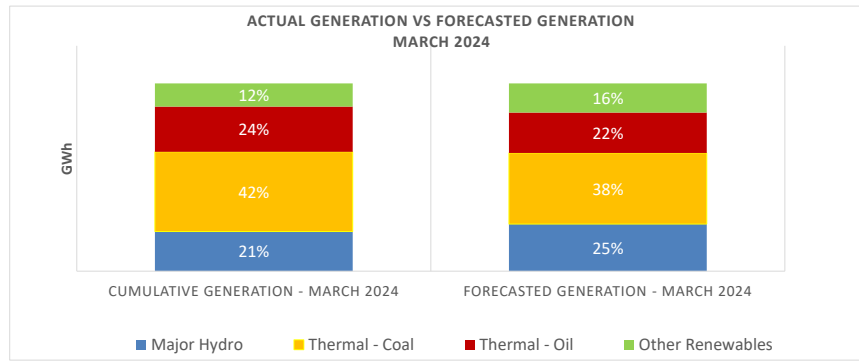


Cost of Generation - March 2024



Per Unit Cost of Generation - March 2024





	Cumulative Generation - March 2024 [GWh]	Forecasted Generation - March 2024 [GWh]
Major Hydro	28	348
Thermal - Coal	57	524
Thermal - Oil	32	298
Other Renewables	17	215
Total	134	1385

Forecasted Generation - SDDP February 2024

Estimated Cost of Generation - March 2024 (Mn LKR)

Major Hydro	178.74 Mn LKR
Thermal - Coal	1390.19 Mn LKR
Thermal - Furnace Oil	1181.43 Mn LKR
Thermal - Diesel	53.21 Mn LKR
Thermal - Naphtha	596.16 Mn LKR
Wind - CEB	17.80 Mn LKR
Wind - IPP	21.08 Mn LKR
Solar - IPP - Ground Mounted	45.64 Mn LKR
Solar - Roof Top	123.22 Mn LKR
Mini Hydro	68.81 Mn LKR
Municipal Solid Waste	40.63 Mn LKR
Total Generation Cost (Mar)	3,716.90 Mn LKR
Average Unit Cost of Generation (Mar)	27.79 LKR/kWh