



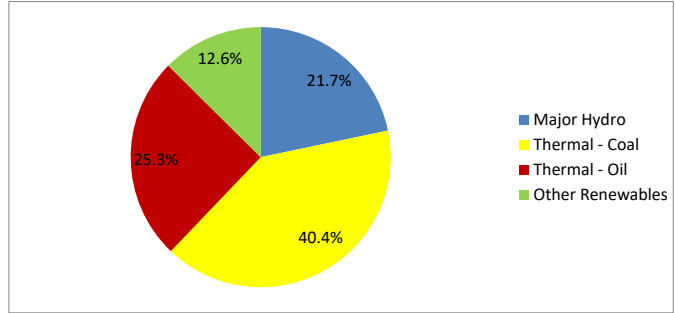
Daily Electricity Generation & Cost Estimation Report

1st March 2024



Daily Generation Mix - 1st March 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	10.47	21.7%
Thermal - Coal	19.49	40.4%
Thermal - Furnace Oil	8.55	17.7%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	3.65	7.6%
Wind - CEB	0.82	1.7%
Wind - IPP	0.68	1.4%
Solar - IPP - Ground Mounted	0.71	1.5%
Solar - Roof Top	1.67	3.5%
Mini Hydro	1.80	3.7%
Municipal Solid Waste	0.38	0.8%
Total	48.22	



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

Estimated Generation Cost : 1st 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	5.69	5.69
Thermal - Coal	400.9	8.2	66.1	475.1	20.56	0.42	3.39	24.37
Thermal - Furnace Oil	393.9	6.0	60.8	460.7	46.09	0.70	7.12	53.91
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	7.20	7.20
Wind - IPP	9.3	0.0	0.0	9.3	13.75	0.00	0.00	13.75
Solar - IPP - Ground Mounted	14.0	0.0	0.0	14.0	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	25.7	0.0	0.0	25.7	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	1089.5	17.1	214.8	1321.4	22.59	0.36	4.45	27.40

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 : 27.40 LKR/kWh
Total Generation Cost for the day: 1321.44 Mn LKR

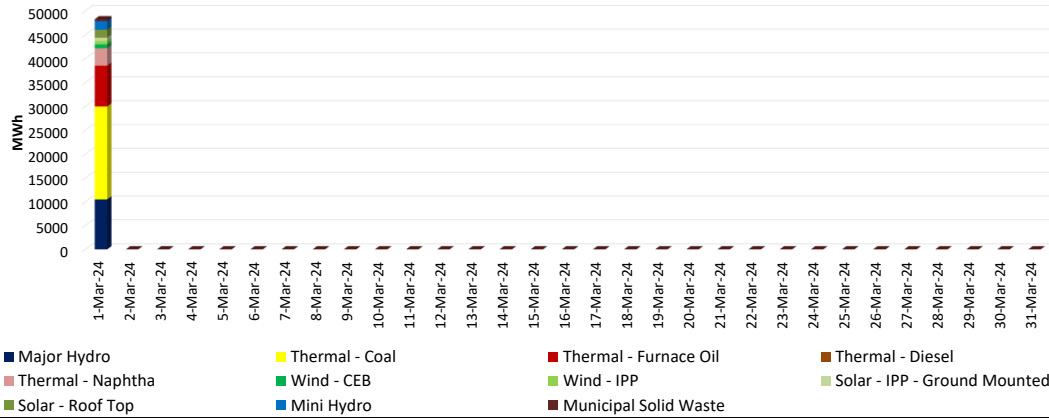
Fuel Prices

(as at 1st March 2024)

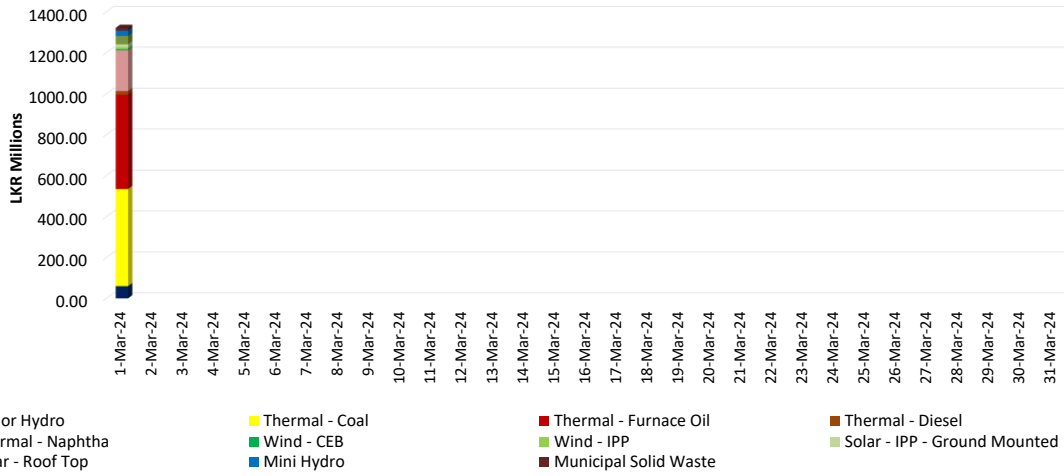
	Price (LKR/Liter or LKR/kg)
Furnace	199.00
*Coal	50.09
Naphtha	194.70
Auto Diesel	363.00

* February coal stock price

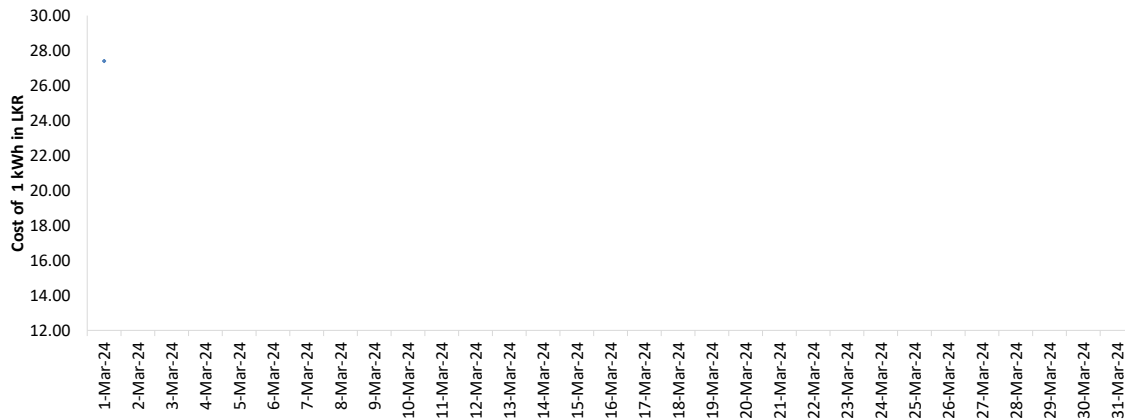
Generation Mix - March 2024

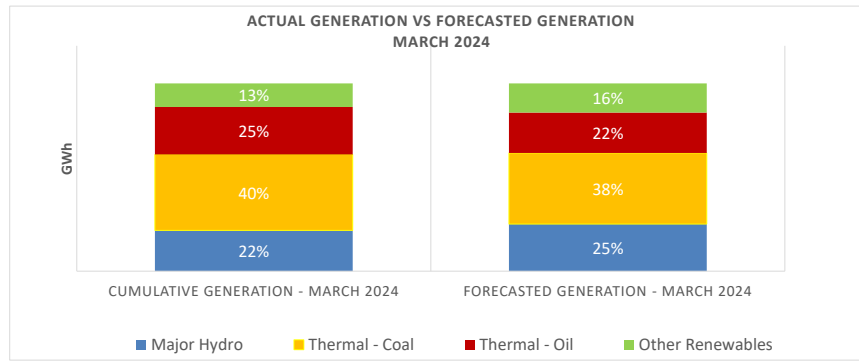


Cost of Generation - March 2024



Per Unit Cost of Generation - March 2024





	Cumulative Generation - March 2024 [GWh]	Forecasted Generation - March 2024 [GWh]
Major Hydro	10	348
Thermal - Coal	19	524
Thermal - Oil	12	298
Other Renewables	6	215
Total	48	1385

Forecasted Generation - SDDP February 2024

Estimated Cost of Generation - March 2024 (Mn LKR)

Major Hydro	59.58 Mn LKR
Thermal - Coal	475.10 Mn LKR
Thermal - Furnace Oil	460.71 Mn LKR
Thermal - Diesel	17.74 Mn LKR
Thermal - Naphtha	198.95 Mn LKR
Wind - CEB	5.93 Mn LKR
Wind - IPP	9.34 Mn LKR
Solar - IPP - Ground Mounted	13.97 Mn LKR
Solar - Roof Top	41.07 Mn LKR
Mini Hydro	25.67 Mn LKR
Municipal Solid Waste	13.38 Mn LKR
Total Generation Cost (Mar)	1,321.44 Mn LKR
Average Unit Cost of Generation (Mar)	27.40 LKR/kWh