



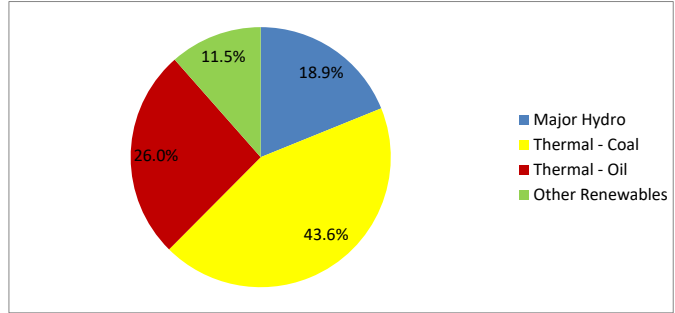
Daily Electricity Generation & Cost Estimation Report

2nd March 2024



Daily Generation Mix - 2nd March 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	8.46	18.9%
Thermal - Coal	19.54	43.6%
Thermal - Furnace Oil	8.05	17.9%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	3.63	8.1%
Wind - CEB	0.39	0.9%
Wind - IPP	0.39	0.9%
Solar - IPP - Ground Mounted	0.79	1.8%
Solar - Roof Top	1.67	3.7%
Mini Hydro	1.52	3.4%
Municipal Solid Waste	0.39	0.9%
Total	44.84	



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

Estimated Generation Cost : 2nd 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	7.04	7.04
Thermal - Coal	401.8	8.2	66.1	476.0	20.56	0.42	3.38	24.36
Thermal - Furnace Oil	372.2	6.0	60.8	439.0	46.25	0.74	7.56	54.56
Thermal - Diesel	0.0	1.8	15.9	17.7	0.00	0.00	0.00	0.00
Thermal - Naphtha	190.7	1.2	6.5	198.3	52.47	0.32	1.78	54.57
Wind - CEB	0.0	0.0	5.9	5.9	0.00	0.00	15.21	15.21
Wind - IPP	5.4	0.0	0.0	5.4	13.75	0.00	0.00	13.75
Solar - IPP - Ground Mounted	15.5	0.0	0.0	15.5	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	21.7	0.0	0.0	21.7	14.27	0.00	0.00	14.27
Municipal Solid Waste	13.8	0.0	0.0	13.8	35.02	0.00	0.00	35.02
Total	1062.1	17.1	214.8	1294.1	23.69	0.38	4.79	28.86

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 : 28.86 LKR/kWh
Total Generation Cost for the day: 1294.08 Mn LKR

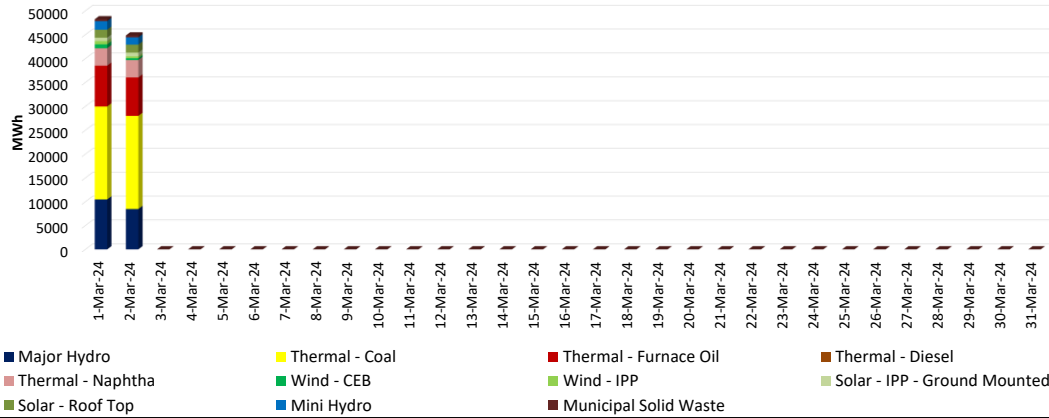
Fuel Prices

(as at 1st March 2024)

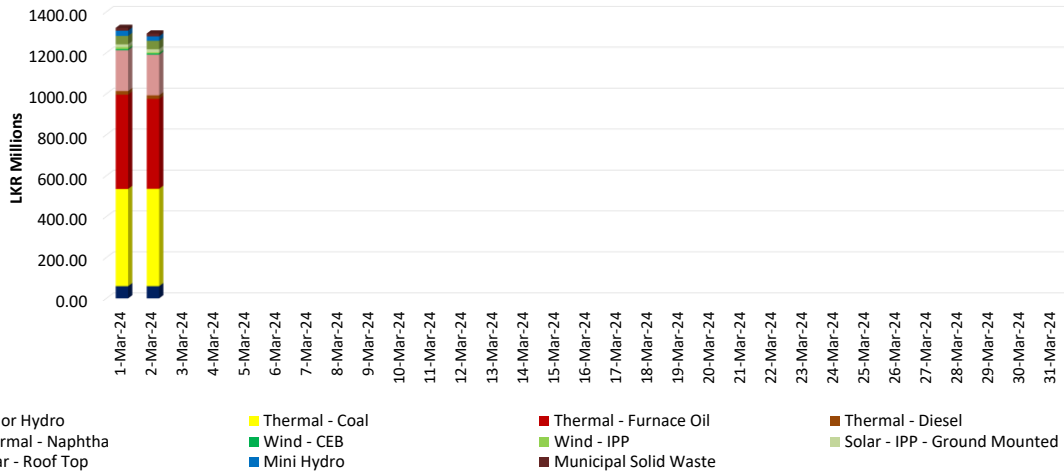
	Price (LKR/Liter or LKR/kg)
Furnace	199.00
*Coal	50.09
Naphtha	194.70
Auto Diesel	363.00

* February coal stock price

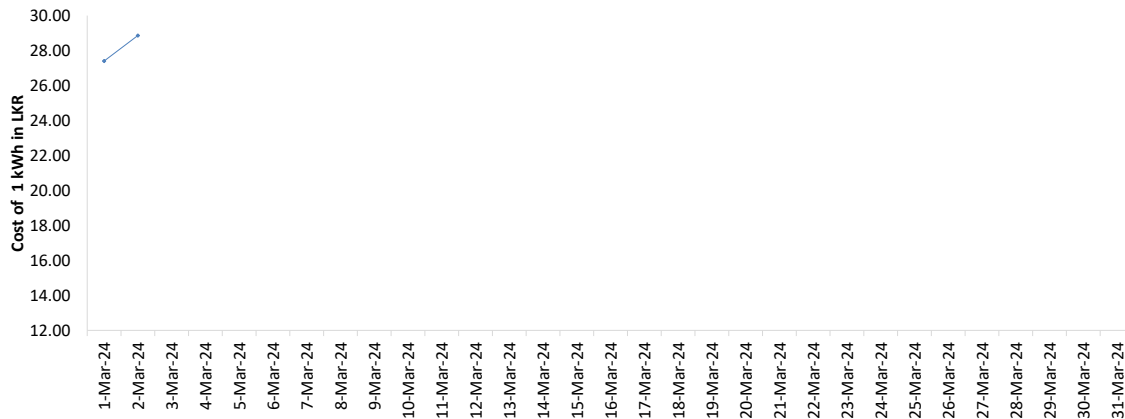
Generation Mix - March 2024

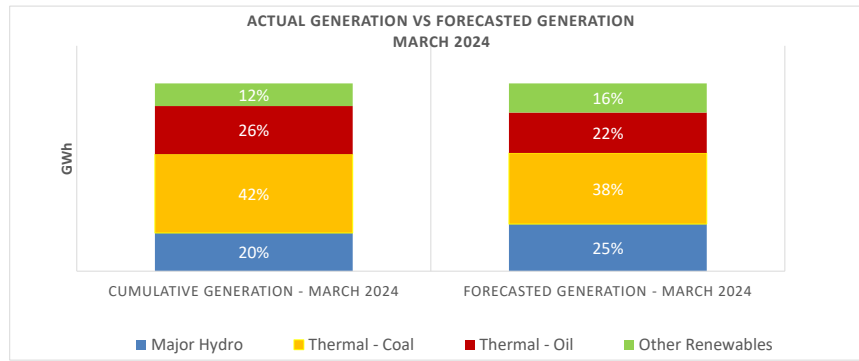


Cost of Generation - March 2024



Per Unit Cost of Generation - March 2024





	Cumulative Generation - March 2024 [GWh]	Forecasted Generation - March 2024 [GWh]
Major Hydro	19	348
Thermal - Coal	39	524
Thermal - Oil	24	298
Other Renewables	11	215
Total	93	1385

Forecasted Generation - SDDP February 2024

Estimated Cost of Generation - March 2024 (Mn LKR)

Major Hydro	119.16 Mn LKR
Thermal - Coal	951.13 Mn LKR
Thermal - Furnace Oil	899.68 Mn LKR
Thermal - Diesel	35.48 Mn LKR
Thermal - Naphtha	397.27 Mn LKR
Wind - CEB	11.86 Mn LKR
Wind - IPP	14.72 Mn LKR
Solar - IPP - Ground Mounted	29.49 Mn LKR
Solar - Roof Top	82.14 Mn LKR
Mini Hydro	47.42 Mn LKR
Municipal Solid Waste	27.18 Mn LKR
Total Generation Cost (Mar)	2,615.52 Mn LKR
Average Unit Cost of Generation (Mar)	28.11 LKR/kWh