



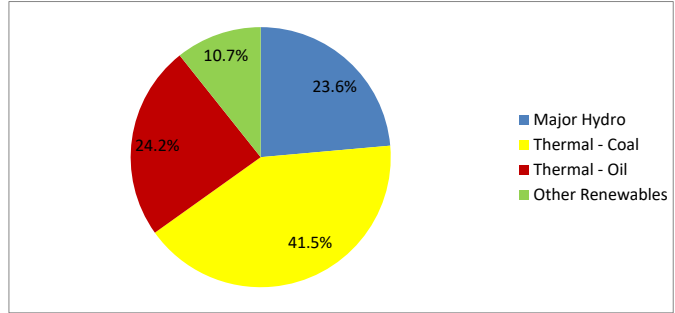
Daily Electricity Generation & Cost Estimation Report

4th March 2024



Daily Generation Mix - 4th March 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	11.05	23.6%
Thermal - Coal	19.46	41.5%
Thermal - Furnace Oil	7.69	16.4%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	3.63	7.7%
Wind - CEB	0.37	0.8%
Wind - IPP	0.33	0.7%
Solar - IPP - Ground Mounted	0.89	1.9%
Solar - Roof Top	1.67	3.6%
Mini Hydro	1.41	3.0%
Municipal Solid Waste	0.34	0.7%
Total	46.84	



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

Estimated Generation Cost : 4th 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	5.39	5.39
Thermal - Coal	400.2	8.2	66.1	474.4	20.56	0.42	3.39	24.38
Thermal - Furnace Oil	350.1	6.0	60.8	416.9	45.54	0.78	7.91	54.23
Thermal - Diesel	0.0	1.8	15.9	17.7	0.00	0.00	0.00	0.00
Thermal - Naphtha	190.5	1.2	6.5	198.1	52.47	0.32	1.79	54.58
Wind - CEB	0.0	0.0	5.9	5.9	0.00	0.00	15.86	15.86
Wind - IPP	4.6	0.0	0.0	4.6	13.75	0.00	0.00	13.75
Solar - IPP - Ground Mounted	17.5	0.0	0.0	17.5	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	20.1	0.0	0.0	20.1	14.27	0.00	0.00	14.27
Municipal Solid Waste	11.8	0.0	0.0	11.8	35.02	0.00	0.00	35.02
Total	1035.8	17.1	214.8	1267.8	22.11	0.37	4.59	27.07

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 : 27.07 LKR/kWh
Total Generation Cost for the day: 1267.77 Mn LKR

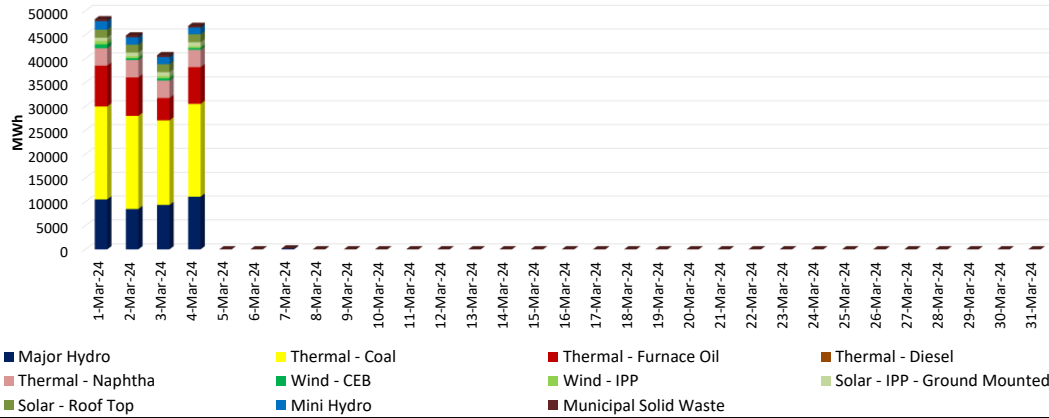
Fuel Prices

(as at 1st March 2024)

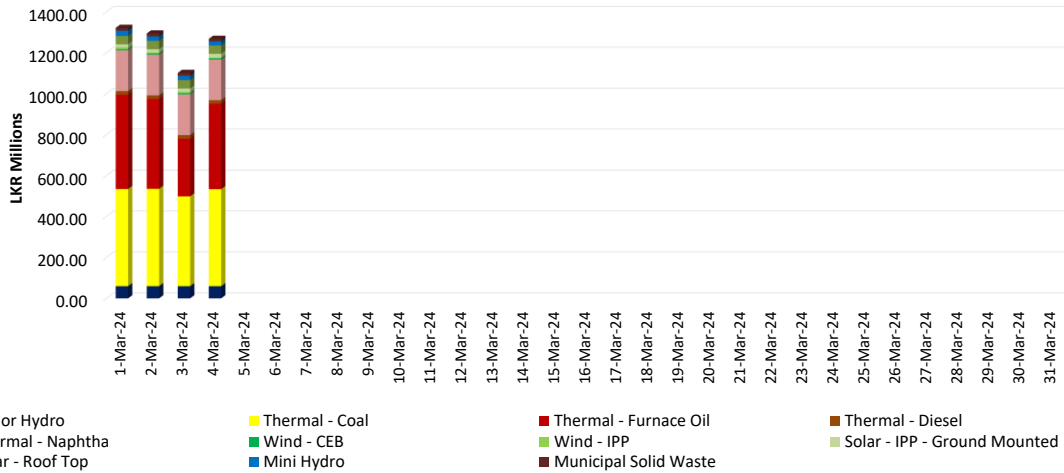
	Price (LKR/Liter or LKR/kg)
Furnace	199.00
*Coal	50.09
Naphtha	194.70
Auto Diesel	363.00

* February coal stock price

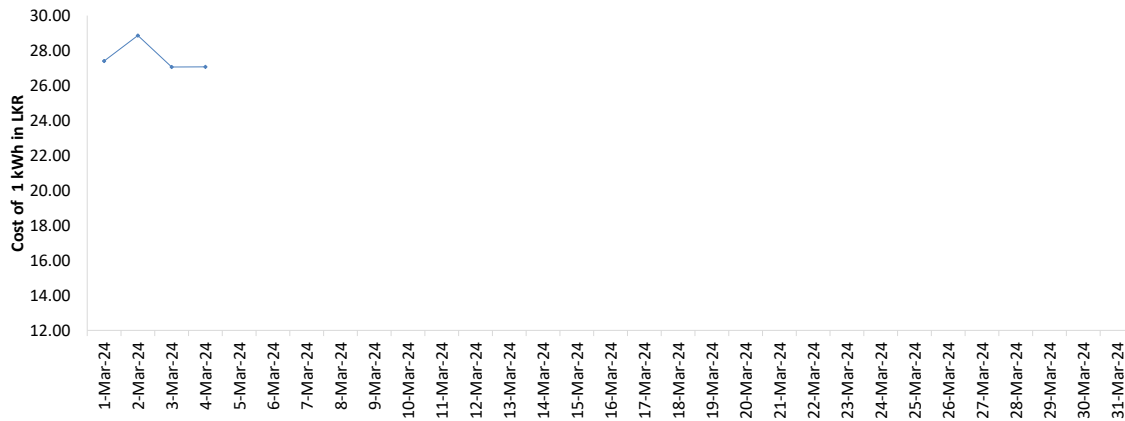
Generation Mix - March 2024

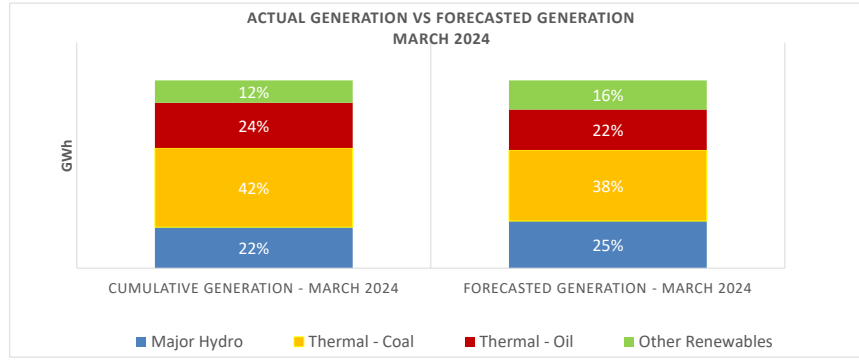


Cost of Generation - March 2024



Per Unit Cost of Generation - March 2024





	Cumulative Generation - March 2024 [GWh]	Forecasted Generation - March 2024 [GWh]
Major Hydro	39	348
Thermal - Coal	76	524
Thermal - Oil	44	298
Other Renewables	22	215
Total	181	1385

Forecasted Generation - SDDP February 2024

Estimated Cost of Generation - March 2024 (Mn LKR)

Major Hydro	238.32 Mn LKR
Thermal - Coal	1864.63 Mn LKR
Thermal - Furnace Oil	1598.30 Mn LKR
Thermal - Diesel	70.95 Mn LKR
Thermal - Naphtha	794.27 Mn LKR
Wind - CEB	23.73 Mn LKR
Wind - IPP	25.65 Mn LKR
Solar - IPP - Ground Mounted	63.18 Mn LKR
Solar - Roof Top	164.29 Mn LKR
Mini Hydro	88.88 Mn LKR
Municipal Solid Waste	52.46 Mn LKR
Total Generation Cost (Mar)	4,984.68 Mn LKR
Average Unit Cost of Generation (Mar)	27.57 LKR/kWh