



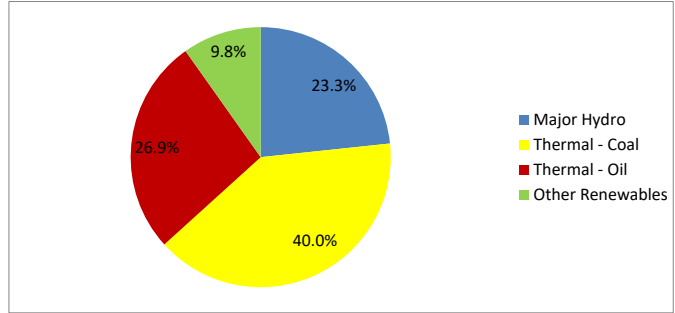
Daily Electricity Generation & Cost Estimation Report

07th March 2024



Daily Generation Mix - 07th March 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	11.37	23.3%
Thermal - Coal	19.49	40.0%
Thermal - Furnace Oil	9.51	19.5%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	3.61	7.4%
Wind - CEB	0.20	0.4%
Wind - IPP	0.23	0.5%
Solar - IPP - Ground Mounted	0.71	1.5%
Solar - Roof Top	1.67	3.4%
Mini Hydro	1.60	3.3%
Municipal Solid Waste	0.37	0.8%
Total	48.76	



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

Estimated Generation Cost : 07th 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	3.52	3.52
Thermal - Coal	400.7	27.5	36.7	464.9	20.56	1.41	1.88	23.86
Thermal - Furnace Oil	433.5	14.7	51.3	499.5	45.60	1.55	5.40	52.54
Thermal - Diesel	0.0	2.3	7.6	9.9	0.00	0.00	0.00	0.00
Thermal - Naphtha	189.4	1.9	2.8	194.1	52.47	0.53	0.78	53.78
Wind - CEB	0.0	0.0	20.7	20.7	0.00	0.00	101.27	101.27
Wind - IPP	3.2	0.0	0.0	3.2	13.75	0.00	0.00	13.75
Solar - IPP - Ground Mounted	13.9	0.0	0.0	13.9	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	22.8	0.0	0.0	22.8	14.27	0.00	0.00	14.27
Municipal Solid Waste	13.0	0.0	0.0	13.0	35.02	0.00	0.00	35.02
Total	1117.7	46.3	159.1	1323.1	22.92	0.95	3.26	27.13

Note -

Start/Stop costs has been excluded in the calculation

Unit Cost of Generation for the day : **27.13** LKR/kWh
 Total Generation Cost for the day: **1323.06** Mn LKR

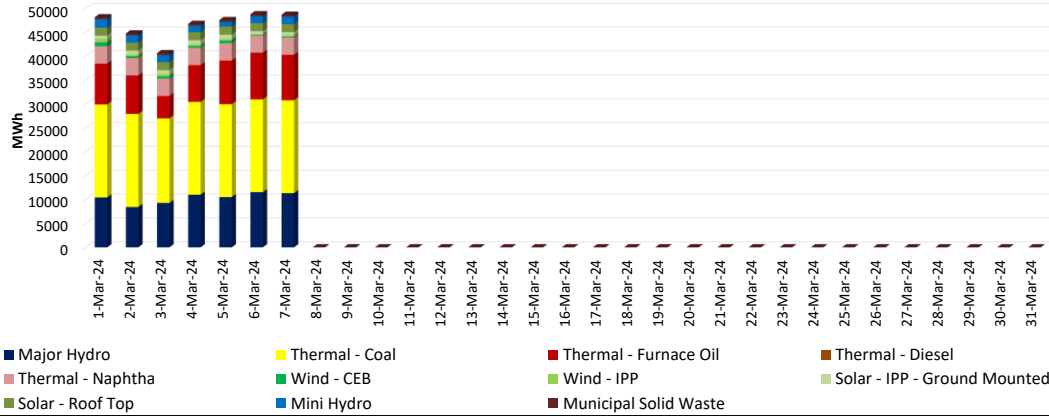
Fuel Prices

(as at 1st March 2024)

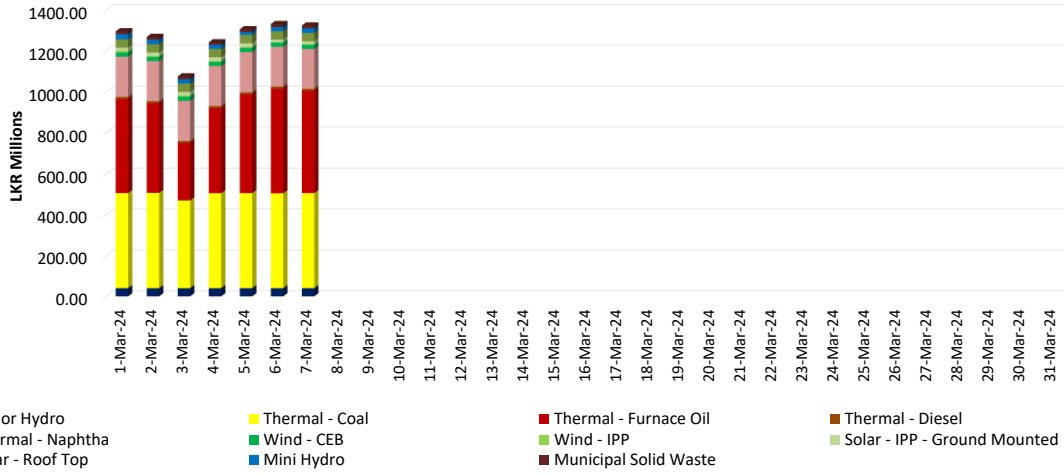
	Price (LKR/Liter or LKR/kg)
Furnace	199.00
*Coal	50.09
Naphtha	194.70
Auto Diesel	363.00

* February coal stock price

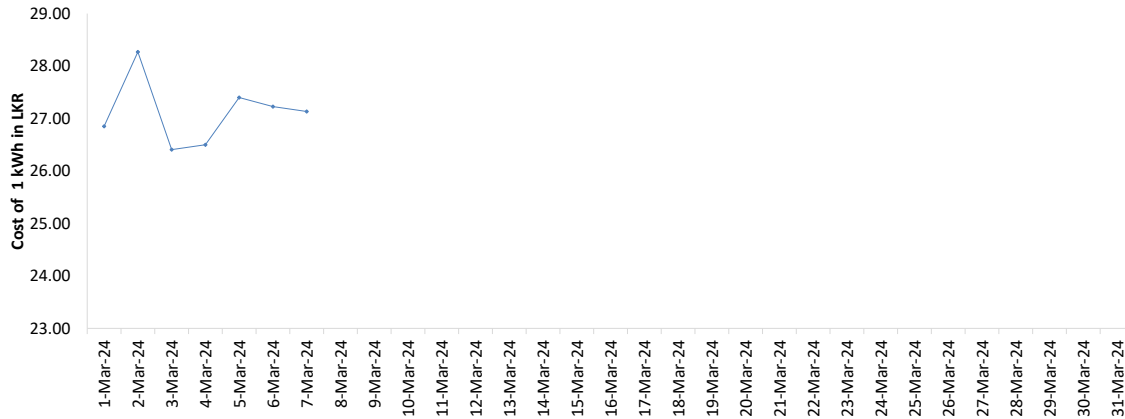
Generation Mix - March 2024

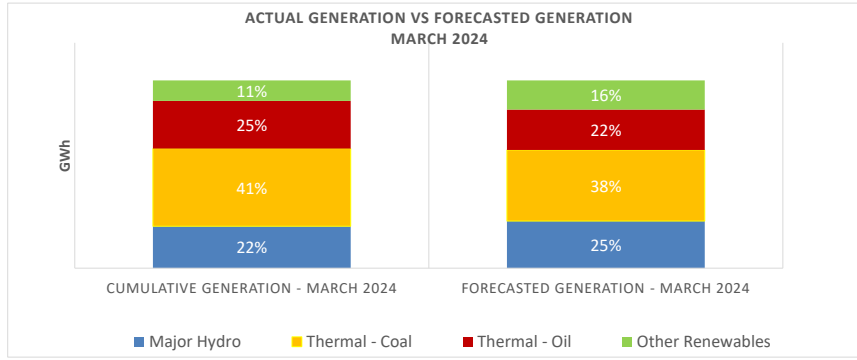


Cost of Generation - March 2024



Per Unit Cost of Generation - March 2024





	Cumulative Generation - March 2024 [GWh]	Forecasted Generation - March 2024 [GWh]
Major Hydro	73	348
Thermal - Coal	135	524
Thermal - Oil	83	298
Other Renewables	36	215
Total	326	1385

Forecasted Generation - SDDP February 2024

Estimated Cost of Generation - March 2024 (Mn LKR)

Major Hydro	280.00 Mn LKR
Thermal - Coal	3217.99 Mn LKR
Thermal - Furnace Oil	3088.34 Mn LKR
Thermal - Diesel	69.13 Mn LKR
Thermal - Naphtha	1367.05 Mn LKR
Wind - CEB	144.61 Mn LKR
Wind - IPP	34.91 Mn LKR
Solar - IPP - Ground Mounted	107.46 Mn LKR
Solar - Roof Top	287.50 Mn LKR
Mini Hydro	146.60 Mn LKR
Municipal Solid Waste	93.37 Mn LKR
Total Generation Cost (Mar)	8,836.97 Mn LKR
Average Unit Cost of Generation (Mar)	27.12 LKR/kWh