



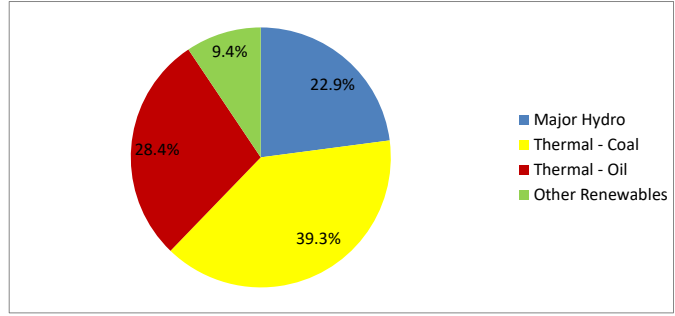
Daily Electricity Generation & Cost Estimation Report

15th March 2024



Daily Generation Mix - 15th March 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	11.37	22.9%
Thermal - Coal	19.48	39.3%
Thermal - Furnace Oil	10.59	21.4%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	3.48	7.0%
Wind - CEB	0.18	0.4%
Wind - IPP	0.28	0.6%
Solar - IPP - Ground Mounted	0.85	1.7%
Solar - Roof Top	1.67	3.4%
Mini Hydro	1.32	2.7%
Municipal Solid Waste	0.36	0.7%
Total	49.59	



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

Estimated Generation Cost : 15th 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	400.5	27.5	36.7	464.6	20.56	1.41	1.89	23.86
Thermal - Furnace Oil	482.7	14.7	51.3	548.7	45.57	1.39	4.84	51.80
Thermal - Diesel	0.0	2.3	7.6	9.9	0.00	0.00	0.00	0.00
Thermal - Naphtha	182.4	1.9	2.8	187.1	52.47	0.55	0.81	53.83
Wind - CEB	0.0	0.0	20.7	20.7	0.00	0.00	113.51	113.51
Wind - IPP	3.9	0.0	0.0	3.9	13.75	0.00	0.00	13.75
Solar - IPP - Ground Mounted	16.7	0.0	0.0	16.7	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	18.9	0.0	0.0	18.9	14.27	0.00	0.00	14.27
Municipal Solid Waste	12.7	0.0	0.0	12.7	35.02	0.00	0.00	35.02
Total	1158.9	46.3	159.1	1364.3	23.37	0.93	3.21	27.51

Note -

Start/Stop costs has been excluded in the calculation

Unit Cost of Generation for the day : **27.51** LKR/kWh
 Total Generation Cost for the day: **1364.29** Mn LKR

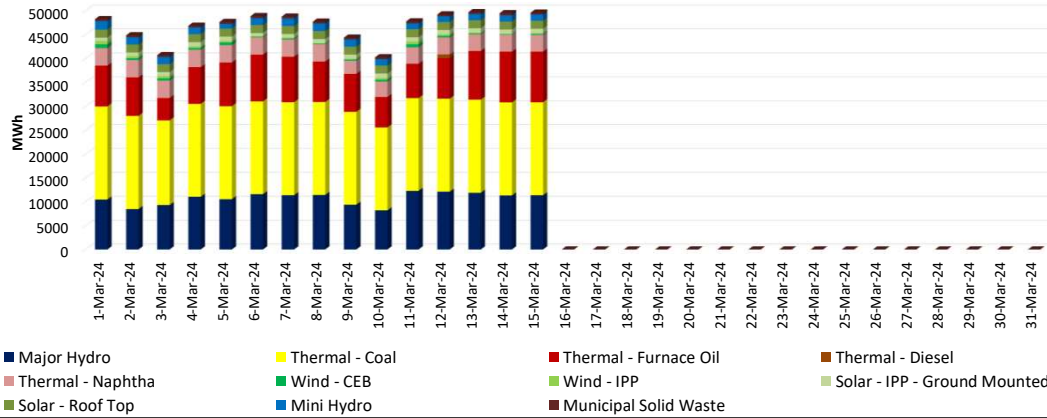
Fuel Prices

(as at 1st March 2024)

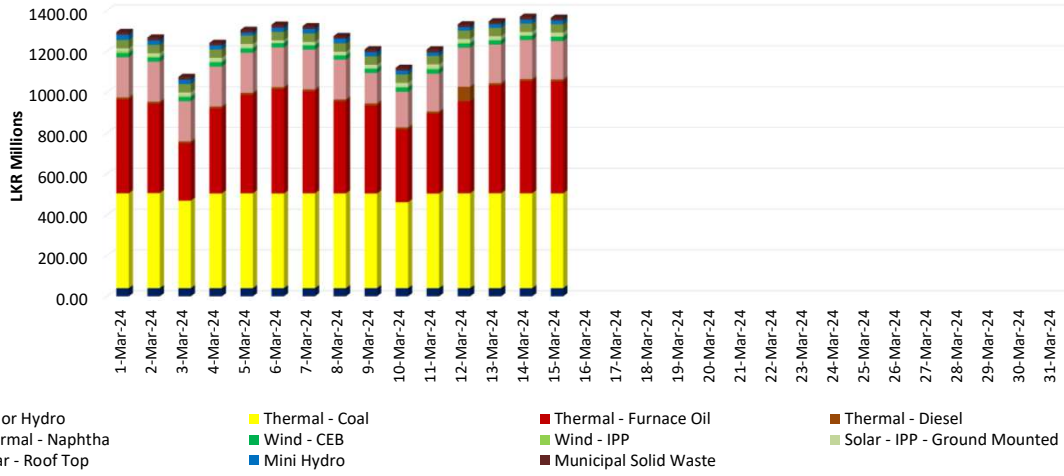
	Price (LKR/Liter or LKR/kg)
Furnace	199.00
*Coal	50.09
Naphtha	194.70
Auto Diesel	363.00

* February coal stock price

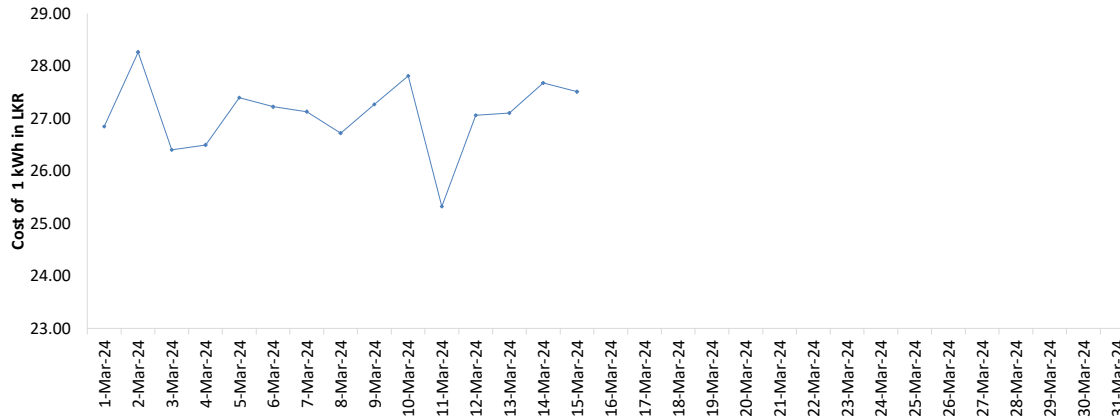
Generation Mix - March 2024

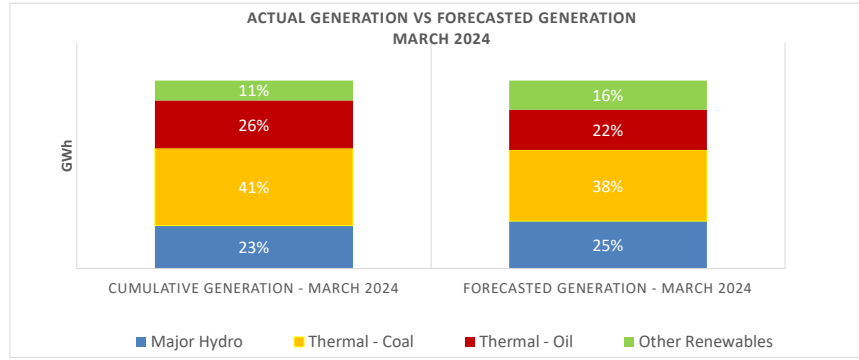


Cost of Generation - March 2024



Per Unit Cost of Generation - March 2024





	Cumulative Generation - March 2024 [GWh]	Forecasted Generation - March 2024 [GWh]
Major Hydro	161	348
Thermal - Coal	288	524
Thermal - Oil	180	298
Other Renewables	74	215
Total	704	1385

Forecasted Generation - SDDP February 2024

Estimated Cost of Generation - March 2024 (Mn LKR)

Major Hydro	600.00 Mn LKR
Thermal - Coal	6892.06 Mn LKR
Thermal - Furnace Oil	6798.34 Mn LKR
Thermal - Diesel	209.29 Mn LKR
Thermal - Naphtha	2825.62 Mn LKR
Wind - CEB	309.87 Mn LKR
Wind - IPP	64.16 Mn LKR
Solar - IPP - Ground Mounted	246.00 Mn LKR
Solar - Roof Top	616.08 Mn LKR
Mini Hydro	300.33 Mn LKR
Municipal Solid Waste	200.82 Mn LKR
Total Generation Cost (Mar)	19,062.58 Mn LKR

Generation Energy Cost (Mar)	15,981.52 Mn LKR
Generation Capacity Cost (Mar)	2,386.15 Mn LKR
Other Cost (Mar)	694.91 Mn LKR

Average Unit Cost of Generation (Mar) 27.08 LKR/kWh