



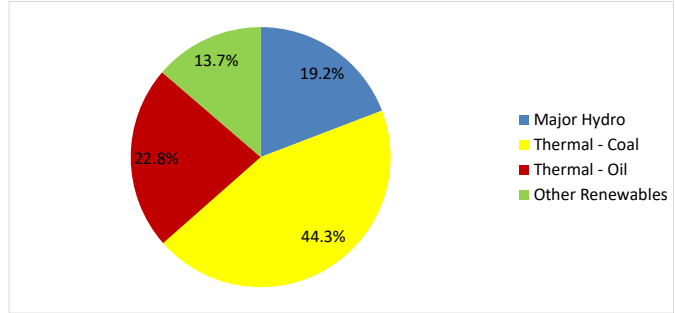
Daily Electricity Generation & Cost Estimation Report

24th March 2024



Daily Generation Mix - 24th March 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	7.66	19.2%
Thermal - Coal	17.70	44.3%
Thermal - Furnace Oil	6.33	15.8%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	2.77	6.9%
Wind - CEB	0.51	1.3%
Wind - IPP	0.44	1.1%
Solar - IPP - Ground Mounted	0.66	1.7%
Solar - Roof Top	1.67	4.2%
Mini Hydro	2.01	5.0%
Municipal Solid Waste	0.18	0.4%
Total	39.92	



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

Estimated Generation Cost : 24th 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	5.22	5.22
Thermal - Coal	363.9	27.5	36.7	428.1	20.56	1.55	2.07	24.19
Thermal - Furnace Oil	288.4	14.7	51.3	354.4	45.60	2.32	8.11	56.03
Thermal - Diesel	0.0	2.3	7.6	9.9	0.00	0.00	0.00	0.00
Thermal - Naphtha	145.6	1.9	2.8	150.3	52.47	0.69	1.01	54.17
Wind - CEB	0.0	0.0	20.7	20.7	0.00	0.00	40.67	40.67
Wind - IPP	6.0	0.0	0.0	6.0	13.75	0.00	0.00	13.75
Solar - IPP - Ground Mounted	13.0	0.0	0.0	13.0	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	28.7	0.0	0.0	28.7	14.27	0.00	0.00	14.27
Municipal Solid Waste	6.3	0.0	0.0	6.3	35.02	0.00	0.00	35.02
Total	892.9	46.3	159.1	1098.3	22.37	1.16	3.98	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: **1098.30** Mn LKR

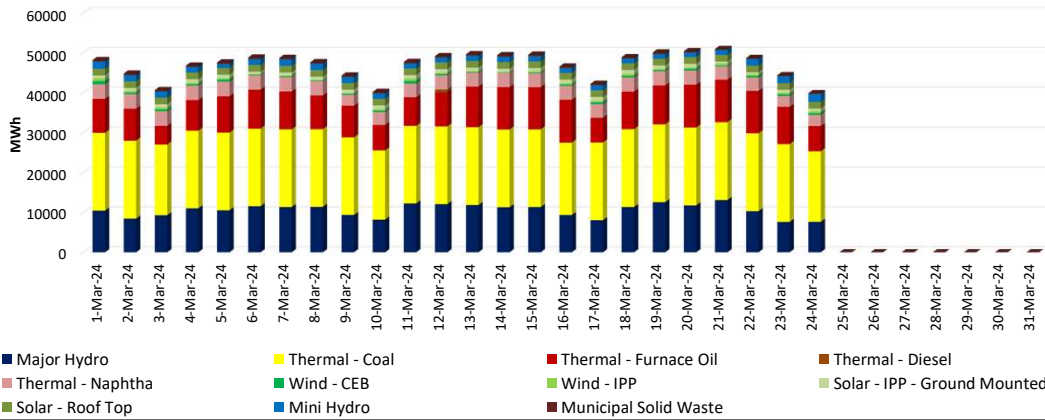
Fuel Prices

(as at 1st March 2024)

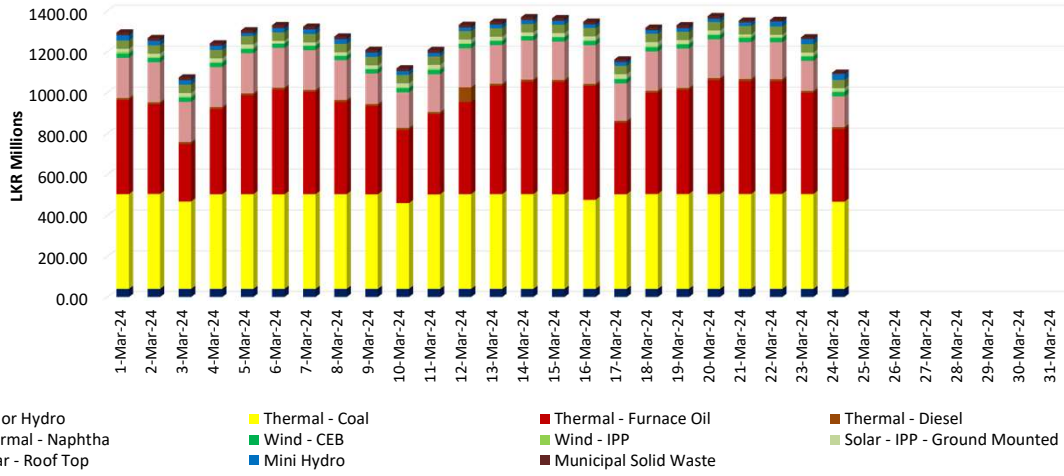
	Price (LKR/Liter or LKR/kg)
Furnace	199.00
*Coal	50.09
Naphtha	194.70
Auto Diesel	363.00

* February coal stock price

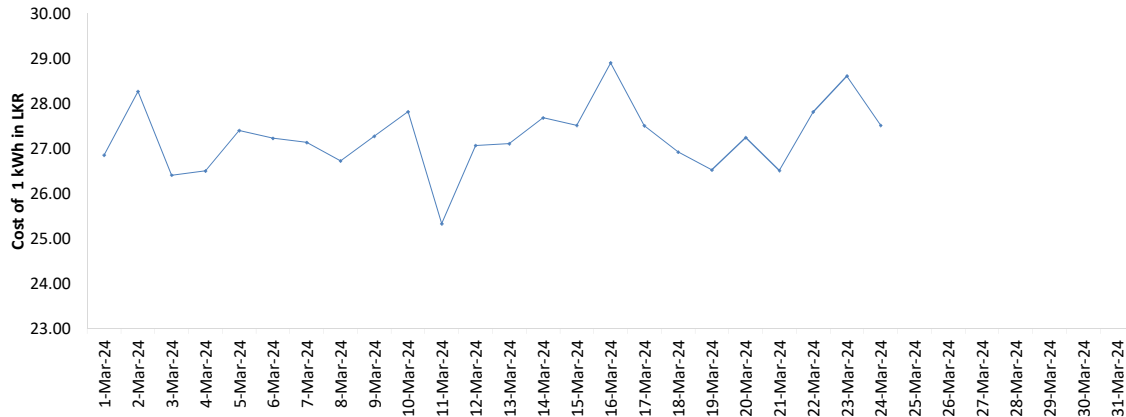
Generation Mix - March 2024

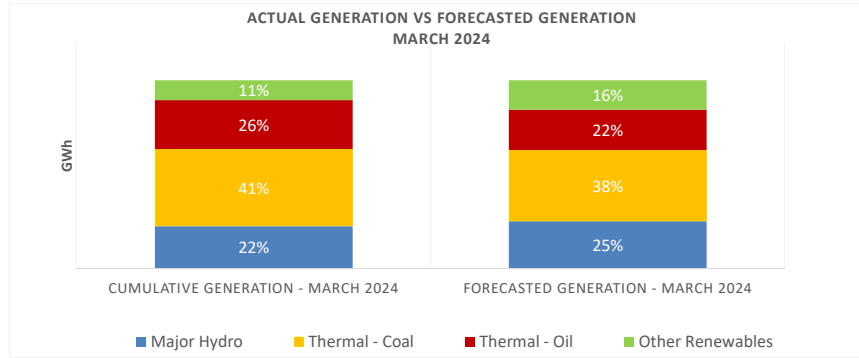


Cost of Generation - March 2024



Per Unit Cost of Generation - March 2024





	Cumulative Generation - March 2024 [GWh]	Forecasted Generation - March 2024 [GWh]
Major Hydro	253	348
Thermal - Coal	461	524
Thermal - Oil	294	298
Other Renewables	119	215
Total	1126	1385

Forecasted Generation - SDDP February 2024

Estimated Cost of Generation - March 2024 (Mn LKR)

Major Hydro	960.00 Mn LKR
Thermal - Coal	11016.22 Mn LKR
Thermal - Furnace Oil	11213.24 Mn LKR
Thermal - Diesel	298.87 Mn LKR
Thermal - Naphtha	4427.53 Mn LKR
Wind - CEB	495.80 Mn LKR
Wind - IPP	112.66 Mn LKR
Solar - IPP - Ground Mounted	384.43 Mn LKR
Solar - Roof Top	985.73 Mn LKR
Mini Hydro	479.94 Mn LKR
Municipal Solid Waste	297.41 Mn LKR
Total Generation Cost (Mar)	30,671.82 Mn LKR

Generation Energy Cost (Mar)	25,742.13 Mn LKR
Generation Capacity Cost (Mar)	3,817.84 Mn LKR
Other Cost (Mar)	1,111.85 Mn LKR

Average Unit Cost of Generation (Mar) 27.23 LKR/kWh