



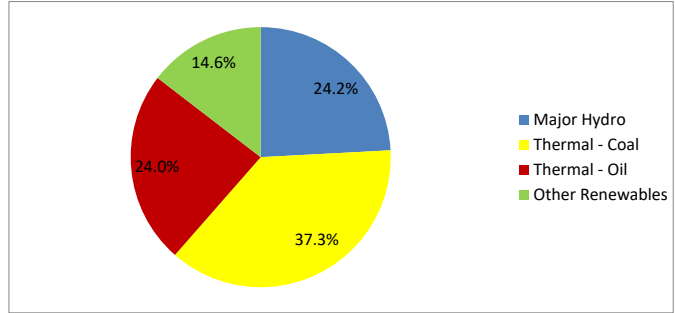
Daily Electricity Generation & Cost Estimation Report

06th May 2024



Daily Generation Mix - 6th May 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	12.42	24.2%
Thermal - Coal	19.18	37.3%
Thermal - Furnace Oil	3.66	7.1%
Thermal - Diesel	5.10	9.9%
Thermal - Naphtha	3.57	6.9%
Wind - CEB	1.57	3.1%
Wind - IPP	0.92	1.8%
Solar - IPP - Ground Mounted	0.78	1.5%
Solar - Roof Top	2.13	4.1%
Mini Hydro	1.74	3.4%
Municipal Solid Waste	0.36	0.7%
Total	51.41	



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

Estimated Generation Cost : 06th May 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	3.22	3.22
Thermal - Coal	396.1	27.5	36.7	460.3	20.65	1.43	1.91	24.00
Thermal - Furnace Oil	149.0	14.7	50.2	213.9	40.73	4.01	13.73	58.47
Thermal - Diesel	432.0	2.3	9.1	443.3	84.72	0.44	1.78	86.94
Thermal - Naphtha	215.4	1.9	2.8	220.1	60.42	0.54	0.79	61.75
Wind - CEB	0.0	0.0	20.7	20.7	0.00	0.00	13.15	13.15
Wind - IPP	12.6	0.0	0.0	12.6	13.75	0.00	0.00	13.75
Solar - IPP - Ground Mounted	15.4	0.0	0.0	15.4	19.67	0.00	0.00	19.67
Solar - Roof Top	52.4	0.0	0.0	52.4	24.59	0.00	0.00	24.59
Mini Hydro	24.8	0.0	0.0	24.8	14.27	0.00	0.00	14.27
Municipal Solid Waste	12.5	0.0	0.0	12.5	35.02	0.00	0.00	35.02
Total	1310.2	46.3	159.5	1516.0	25.48	0.90	3.10	29.49

Note -

Start/Stop costs has been excluded in the calculation

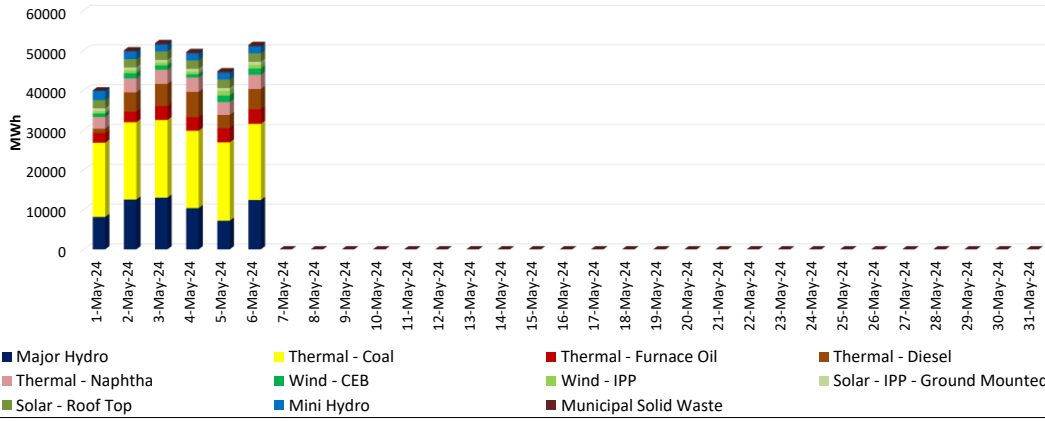
Unit Cost of Generation for the day : **29.49** LKR/kWh
 Total Generation Cost for the day: **1515.96** Mn LKR

Fuel Prices

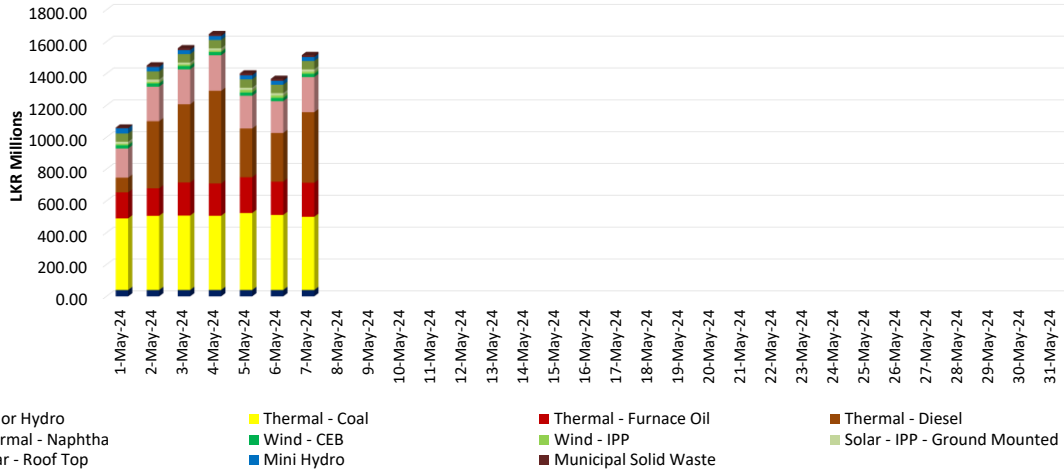
(as at 06th May 2024)

	Price (LKR/Liter or LKR/kg)
Furnace	182.00
Coal	50.31
Naphtha	224.20
Auto Diesel	333.00

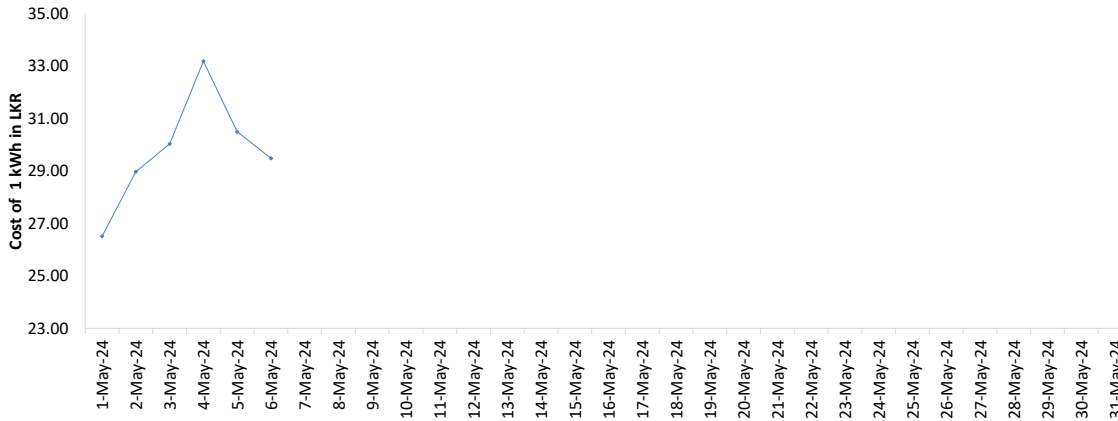
Generation Mix - May 2024

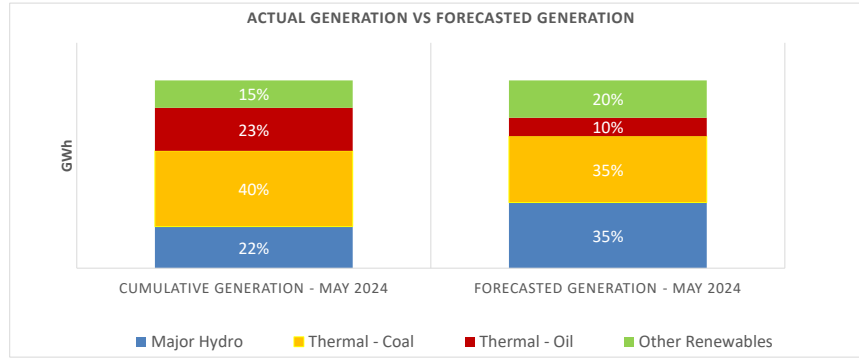


Cost of Generation - May 2024



Per Unit Cost of Generation - May 2024





	Cumulative Generation - May 2024 [GWh]	Forecasted Generation - May 2024 [GWh]
Major Hydro	64	482
Thermal - Coal	116	486
Thermal - Oil	66	136
Other Renewables	42	274
Total	288	1378

Forecasted Generation - SDDP Jan 2024

Estimated Cost of Generation - May 2024 (Mn LKR)

Major Hydro	280.00 Mn LKR
Thermal - Coal	3266.88 Mn LKR
Thermal - Furnace Oil	1395.53 Mn LKR
Thermal - Diesel	2643.05 Mn LKR
Thermal - Naphtha	1466.74 Mn LKR
Wind - CEB	144.61 Mn LKR
Wind - IPP	80.47 Mn LKR
Solar - IPP - Ground Mounted	99.77 Mn LKR
Solar - Roof Top	364.24 Mn LKR
Mini Hydro	185.70 Mn LKR
Municipal Solid Waste	72.85 Mn LKR
Total Generation Cost (May)	9,999.84 Mn LKR

Generation Energy Cost (May)	7,364.70 Mn LKR
Generation Capacity Cost (May)	956.72 Mn LKR
Other Cost (May)	277.96 Mn LKR

Average Unit Cost of Generation (May) 34.74 LKR/kWh