



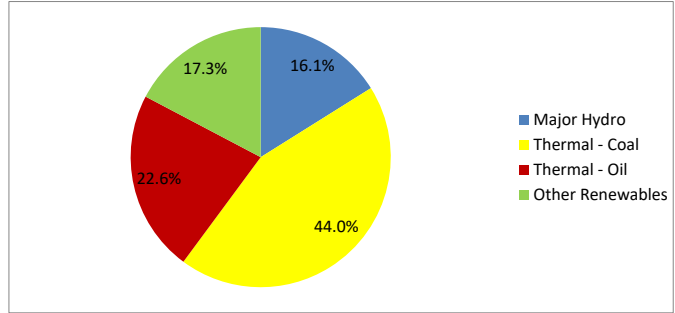
Daily Electricity Generation & Cost Estimation Report

5th May 2024



Daily Generation Mix - 5th May 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	7.21	16.1%
Thermal - Coal	19.73	44.0%
Thermal - Furnace Oil	3.55	7.9%
Thermal - Diesel	3.35	7.5%
Thermal - Naphtha	3.22	7.2%
Wind - CEB	1.65	3.7%
Wind - IPP	1.14	2.5%
Solar - IPP - Ground Mounted	0.74	1.6%
Solar - Roof Top	2.13	4.8%
Mini Hydro	1.75	3.9%
Municipal Solid Waste	0.34	0.8%
Total	44.81	



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

Estimated Generation Cost : 05th 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	5.55	5.55
Thermal - Coal	407.6	27.5	36.7	471.7	20.65	1.39	1.86	23.91
Thermal - Furnace Oil	144.3	14.7	50.2	209.2	40.67	4.14	14.16	58.97
Thermal - Diesel	294.7	2.3	9.1	306.1	88.06	0.68	2.71	91.44
Thermal - Naphtha	194.7	1.9	2.8	199.4	60.42	0.60	0.87	61.89
Wind - CEB	0.0	0.0	20.7	20.7	0.00	0.00	12.54	12.54
Wind - IPP	15.7	0.0	0.0	15.7	13.75	0.00	0.00	13.75
Solar - IPP - Ground Mounted	14.5	0.0	0.0	14.5	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	25.0	0.0	0.0	25.0	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	1160.7	46.3	159.5	1366.5	25.90	1.03	3.56	30.50

Note -

Start/Stop costs has been excluded in the calculation

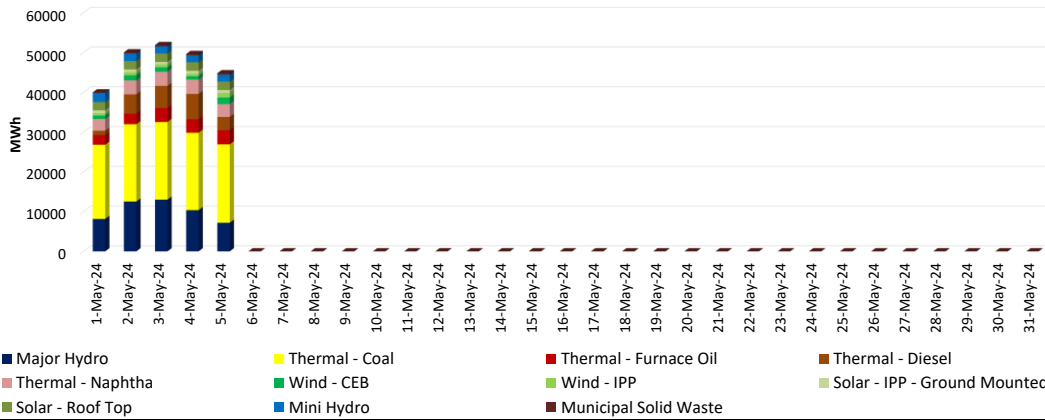
Unit Cost of Generation for the day : **30.50** LKR/kWh
 Total Generation Cost for the day: **1366.46** Mn LKR

Fuel Prices

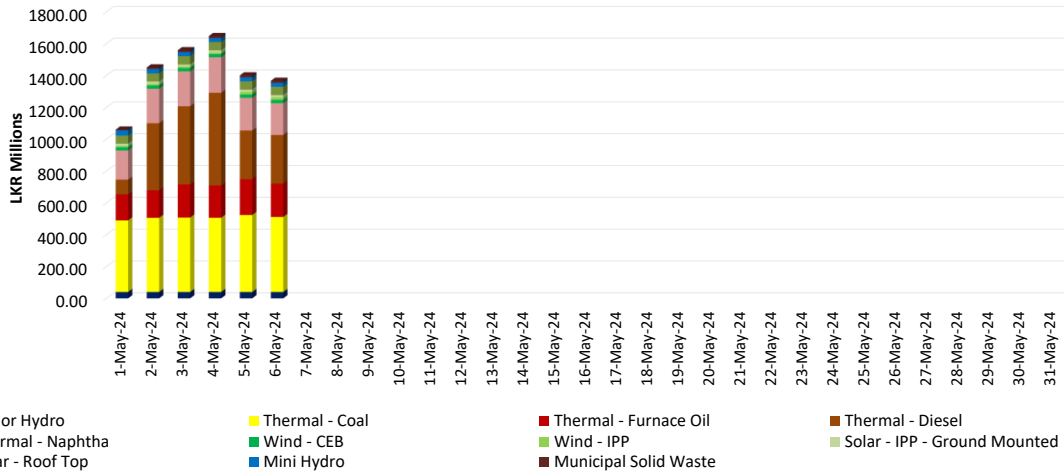
(as at 24th April 2024)

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

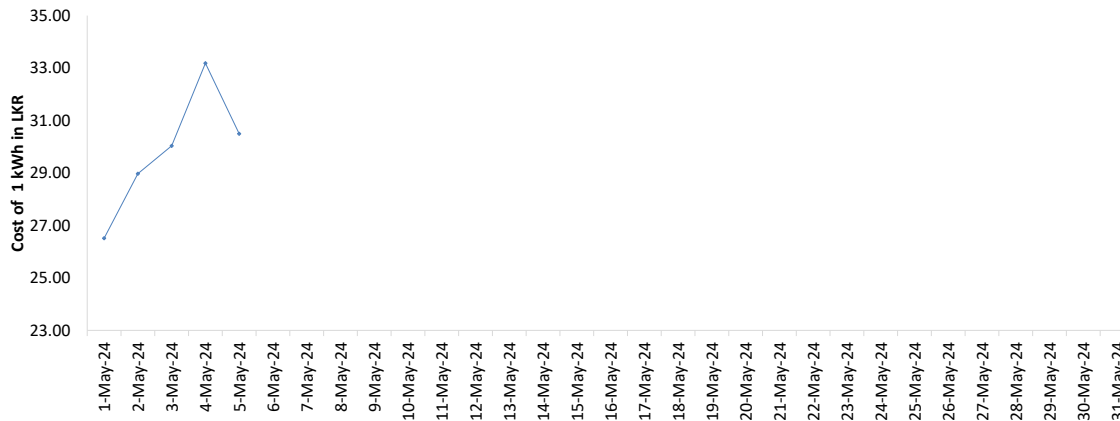
Generation Mix - May 2024

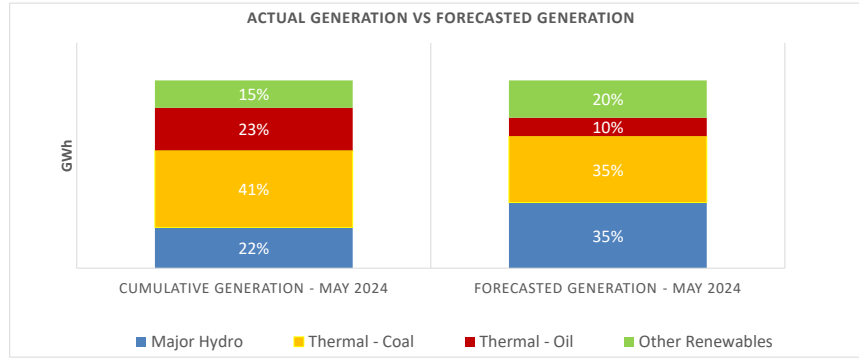


Cost of Generation - May 2024



Per Unit Cost of Generation - May 2024





	Cumulative Generation - May 2024 [GWh]	Forecasted Generation - May 2024 [GWh]
Major Hydro	51	482
Thermal - Coal	97	486
Thermal - Oil	54	136
Other Renewables	35	274
Total	236	1378

Forecasted Generation - SDDP Jan 2024

Estimated Cost of Generation - May 2024 (Mn LKR)

Major Hydro	240.00 Mn LKR
Thermal - Coal	2806.61 Mn LKR
Thermal - Furnace Oil	1181.58 Mn LKR
Thermal - Diesel	2199.77 Mn LKR
Thermal - Naphtha	1246.61 Mn LKR
Wind - CEB	123.95 Mn LKR
Wind - IPP	67.89 Mn LKR
Solar - IPP - Ground Mounted	84.41 Mn LKR
Solar - Roof Top	311.85 Mn LKR
Mini Hydro	160.90 Mn LKR
Municipal Solid Waste	60.31 Mn LKR
Total Generation Cost (May)	8,483.88 Mn LKR

Generation Energy Cost (May)	6,054.52 Mn LKR
Generation Capacity Cost (May)	797.27 Mn LKR
Other Cost (May)	231.64 Mn LKR

Average Unit Cost of Generation (May) 35.89 LKR/kWh