



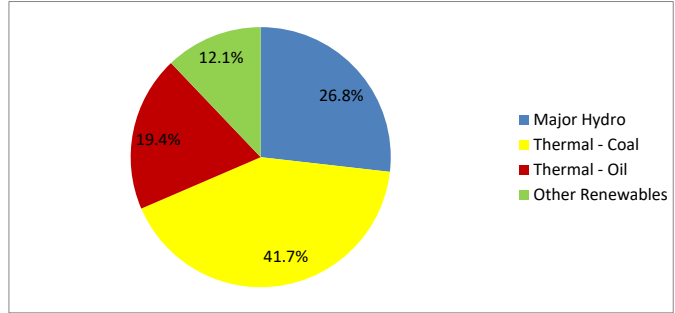
Daily Electricity Generation & Cost Estimation Report

16th May 2024



Daily Generation Mix - 16th May 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	12.45	26.8%
Thermal - Coal	19.39	41.7%
Thermal - Furnace Oil	3.63	7.8%
Thermal - Diesel	2.01	4.3%
Thermal - Naphtha	3.35	7.2%
Wind - CEB	0.10	0.2%
Wind - IPP	0.11	0.2%
Solar - IPP - Ground Mounted	0.51	1.1%
Solar - Roof Top	2.13	4.6%
Mini Hydro	2.51	5.4%
Municipal Solid Waste	0.28	0.6%
Total	46.47	



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

Estimated Generation Cost : 16th 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	3.21	3.21
Thermal - Coal	400.5	27.5	36.7	464.6	20.65	1.42	1.89	23.96
Thermal - Furnace Oil	146.9	14.7	50.2	211.8	40.48	4.05	13.84	58.36
Thermal - Diesel	148.0	2.3	9.1	159.4	73.53	1.13	4.50	79.16
Thermal - Naphtha	178.5	1.9	2.8	183.2	53.25	0.57	0.84	54.66
Wind - CEB	0.0	0.0	20.7	20.7	0.00	0.00	215.19	215.19
Wind - IPP	1.6	0.0	0.0	1.6	14.05	0.00	0.00	14.05
Solar - IPP - Ground Mounted	9.9	0.0	0.0	9.9	19.56	0.00	0.00	19.56
Solar - Roof Top	53.1	0.0	0.0	53.1	24.92	0.00	0.00	24.92
Mini Hydro	35.4	0.0	0.0	35.4	14.12	0.00	0.00	14.12
Municipal Solid Waste	8.5	0.0	0.0	8.5	30.76	0.00	0.00	30.76
Total	982.4	46.3	159.5	1188.1	21.14	1.00	3.43	25.57

Note -

Start/Stop costs has been excluded in the calculation

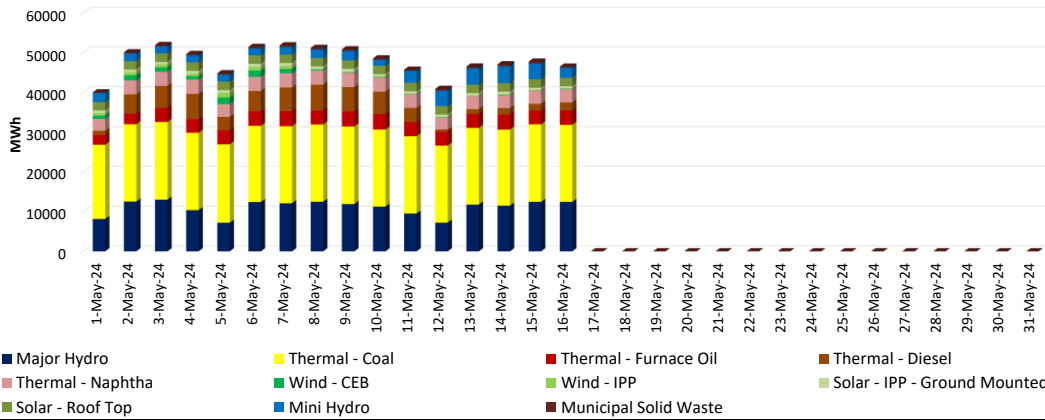
Unit Cost of Generation for the day : **25.57** LKR/kWh
 Total Generation Cost for the day: **1188.14** Mn LKR

Fuel Prices

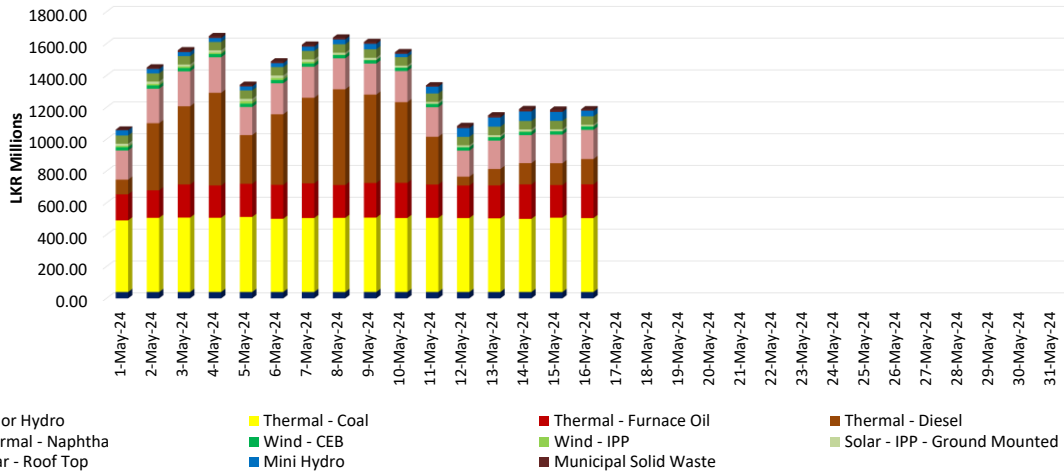
(as at 15th May 2024)

	Price (LKR/Liter or LKR/kg)
Furnace	181.00
Coal	50.31
Naphtha	197.60
Auto Diesel	333.00

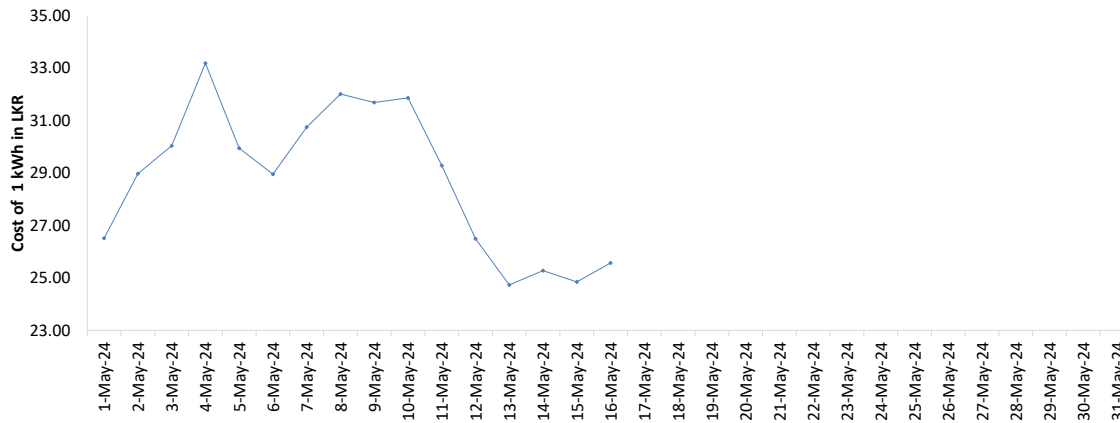
Generation Mix - May 2024

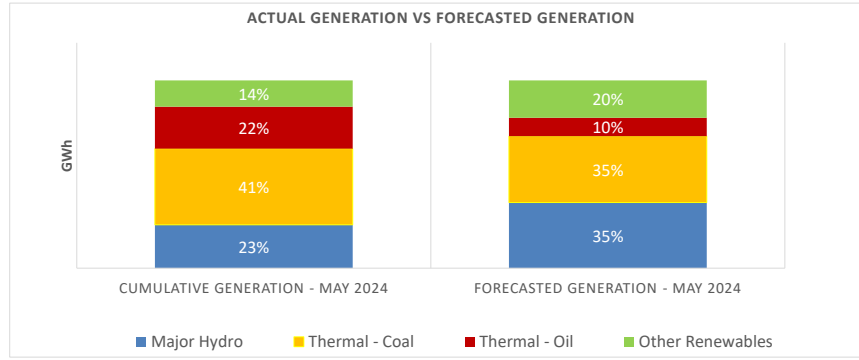


Cost of Generation - May 2024



Per Unit Cost of Generation - May 2024





	Cumulative Generation - May 2024 [GWh]	Forecasted Generation - May 2024 [GWh]
Major Hydro	176	482
Thermal - Coal	310	486
Thermal - Oil	171	136
Other Renewables	107	274
Total	764	1378

Forecasted Generation - SDDP Jan 2024

Estimated Cost of Generation - May 2024 (Mn LKR)

Major Hydro	640.00 Mn LKR
Thermal - Coal	7432.02 Mn LKR
Thermal - Furnace Oil	3285.66 Mn LKR
Thermal - Diesel	5427.65 Mn LKR
Thermal - Naphtha	3058.80 Mn LKR
Wind - CEB	330.53 Mn LKR
Wind - IPP	90.92 Mn LKR
Solar - IPP - Ground Mounted	207.23 Mn LKR
Solar - Roof Top	843.98 Mn LKR
Mini Hydro	578.00 Mn LKR
Municipal Solid Waste	175.87 Mn LKR
Total Generation Cost (May)	22,070.65 Mn LKR

Generation Energy Cost (May)	18,778.15 Mn LKR
Generation Capacity Cost (May)	2,551.26 Mn LKR
Other Cost (May)	741.24 Mn LKR

Average Unit Cost of Generation (May) 28.87 LKR/kWh