



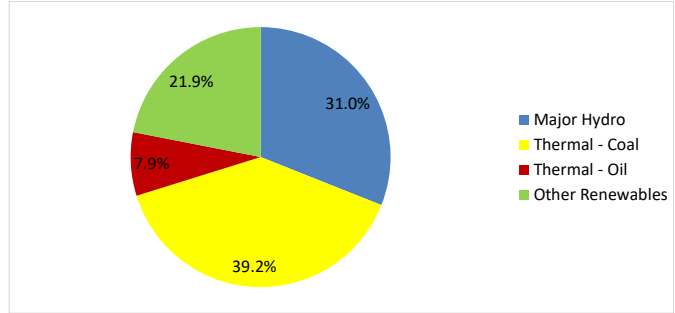
Daily Electricity Generation & Cost Estimation Report

18th June 2024



Daily Generation Mix - 18th June 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	15.24	31.0%
Thermal - Coal	19.24	39.2%
Thermal - Furnace Oil	3.89	7.9%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	0.00	0.0%
Wind - CEB	2.24	4.6%
Wind - IPP	2.13	4.3%
Solar - IPP - Ground Mounted	0.79	1.6%
Solar - Roof Top	2.32	4.7%
Mini Hydro	3.04	6.2%
Municipal Solid Waste	0.24	0.5%
Total	49.12	



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

Estimated Generation Cost : 18th June 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	41.3	41.3	0.00	0.00	2.71	2.71
Thermal - Coal	374.9	28.4	37.9	441.2	19.49	1.47	1.97	22.93
Thermal - Furnace Oil	164.6	17.2	11.4	193.2	42.37	4.42	2.94	49.72
Thermal - Diesel	0.0	3.0	7.9	10.9	0.00	0.00	0.00	0.00
Thermal - Naphtha	0.0	2.0	2.9	4.9	0.00	0.00	0.00	0.00
Wind - CEB	0.0	0.0	21.3	21.3	0.00	0.00	9.53	9.53
Wind - IPP	29.9	0.0	0.0	29.9	14.05	0.00	0.00	14.05
Solar - IPP - Ground Mounted	15.4	0.0	0.0	15.4	19.56	0.00	0.00	19.56
Solar - Roof Top	57.8	0.0	0.0	57.8	24.92	0.00	0.00	24.92
Mini Hydro	42.9	0.0	0.0	42.9	14.12	0.00	0.00	14.12
Municipal Solid Waste	7.4	0.0	0.0	7.4	30.76	0.00	0.00	30.76
Total	693.0	50.5	122.8	866.3	14.11	1.03	2.50	17.64

Note -

Start/Stop costs has been excluded in the calculation

Sobadhanvi plant is currently in the testing stage; hence, generation cost has not been considered.

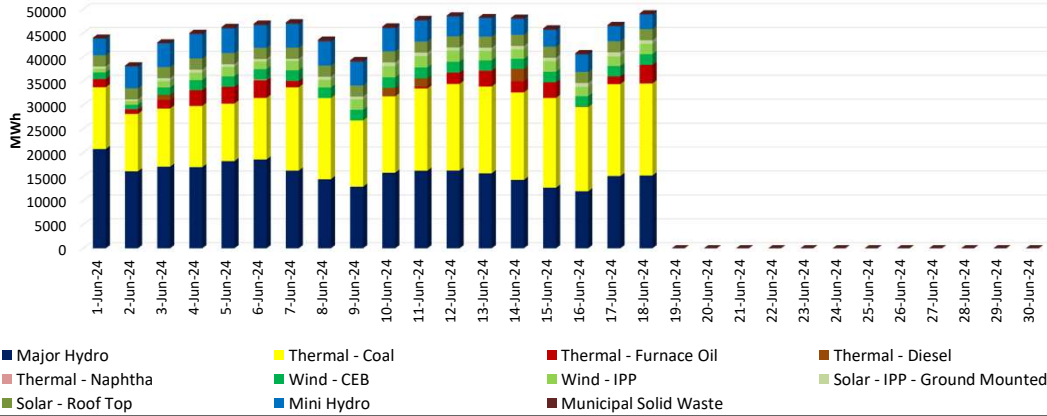
Unit Cost of Generation for the day : 17.64 LKR/kWh
Total Generation Cost for the day: 866.31 Mn LKR

Fuel Prices

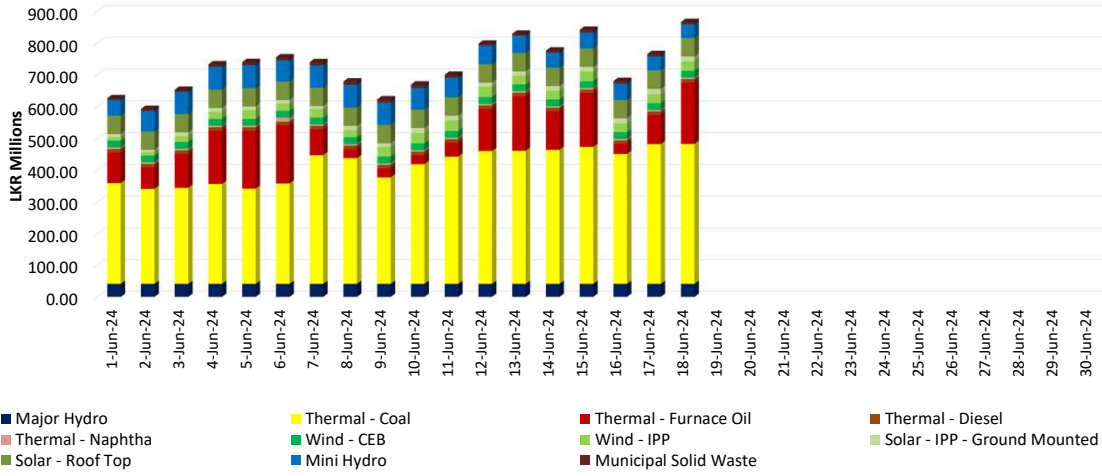
(as at 1st June 2024)

	Price (LKR/Liter or LKR/kg)
Furnace	181.00
Coal	47.47
Naphtha	197.60
Auto Diesel	317.00

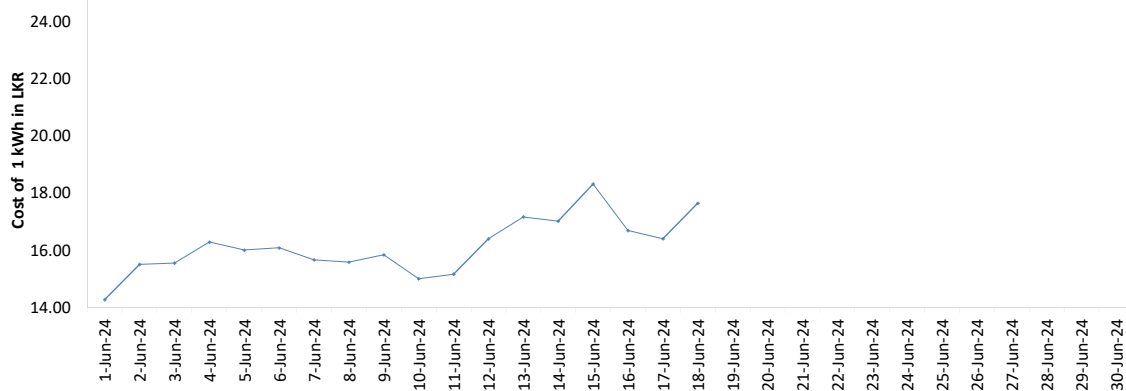
Generation Mix - June 2024

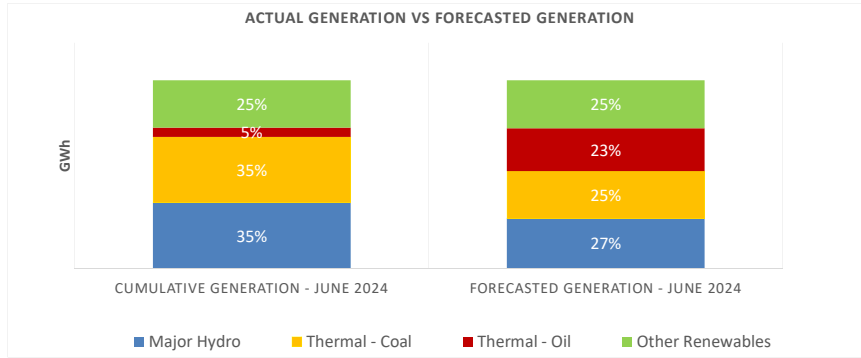


Cost of Generation - June 2024



Per Unit Cost of Generation - June 2024





	Cumulative Generation - June 2024 [GWh]	Forecasted Generation - June 2024 [GWh]
Major Hydro	285	359
Thermal - Coal	286	338
Thermal - Oil	41	309
Other Renewables	205	343
Total	816	1349

Forecasted Generation - SDDP Jan 2024

Estimated Cost of Generation - June 2024 (Mn LKR)

Major Hydro	744.00 Mn LKR
Thermal - Coal	6757.77 Mn LKR
Thermal - Furnace Oil	1926.94 Mn LKR
Thermal - Diesel	195.96 Mn LKR
Thermal - Naphtha	96.02 Mn LKR
Wind - CEB	384.24 Mn LKR
Wind - IPP	458.62 Mn LKR
Solar - IPP - Ground Mounted	235.10 Mn LKR
Solar - Roof Top	1040.56 Mn LKR
Mini Hydro	1082.43 Mn LKR
Municipal Solid Waste	149.54 Mn LKR
Total Generation Cost	13,071.18 Mn LKR

Generation Energy Cost (June)	9,951.23 Mn LKR
Generation Capacity Cost (June)	2,210.28 Mn LKR
Other Cost (June)	909.67 Mn LKR

Average Unit Cost of Generation (June) 16.02 LKR/kWh