



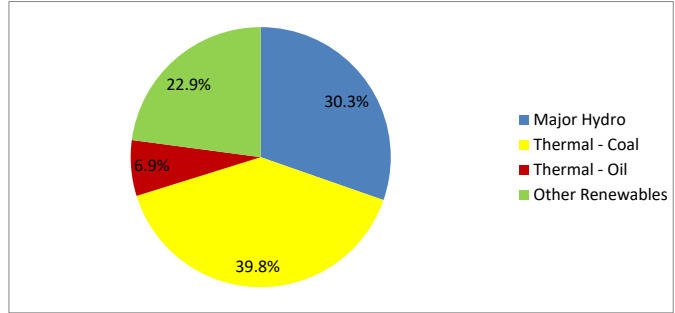
Daily Electricity Generation & Cost Estimation Report

19th June 2024



Daily Generation Mix - 19th June 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	14.69	30.3%
Thermal - Coal	19.28	39.8%
Thermal - Furnace Oil	3.35	6.9%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	0.00	0.0%
Wind - CEB	2.29	4.7%
Wind - IPP	2.36	4.9%
Solar - IPP - Ground Mounted	0.60	1.2%
Solar - Roof Top	2.32	4.8%
Mini Hydro	3.30	6.8%
Municipal Solid Waste	0.20	0.4%
Total	48.40	



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

Estimated Generation Cost : 19th 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	2.81	2.81
Thermal - Coal	375.7	28.4	37.9	442.0	19.49	1.47	1.97	22.93
Thermal - Furnace Oil	141.6	17.2	11.4	170.2	42.30	5.13	3.41	50.84
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	9.32	9.32
Wind - IPP	33.2	0.0	0.0	33.2	14.05	0.00	0.00	14.05
Solar - IPP - Ground Mounted	11.8	0.0	0.0	11.8	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	46.6	0.0	0.0	46.6	14.12	0.00	0.00	14.12
Municipal Solid Waste	6.2	0.0	0.0	6.2	30.76	0.00	0.00	30.76
Total	673.0	50.5	122.8	846.3	13.91	1.04	2.54	17.49

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.

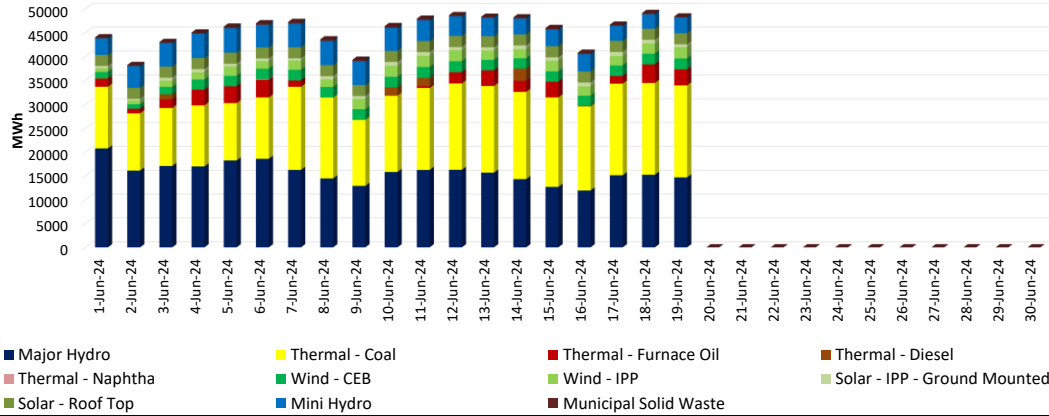
Unit Cost of Generation for the day : **17.49** LKR/kWh
 Total Generation Cost for the day: **846.30** Mn LKR

Fuel Prices

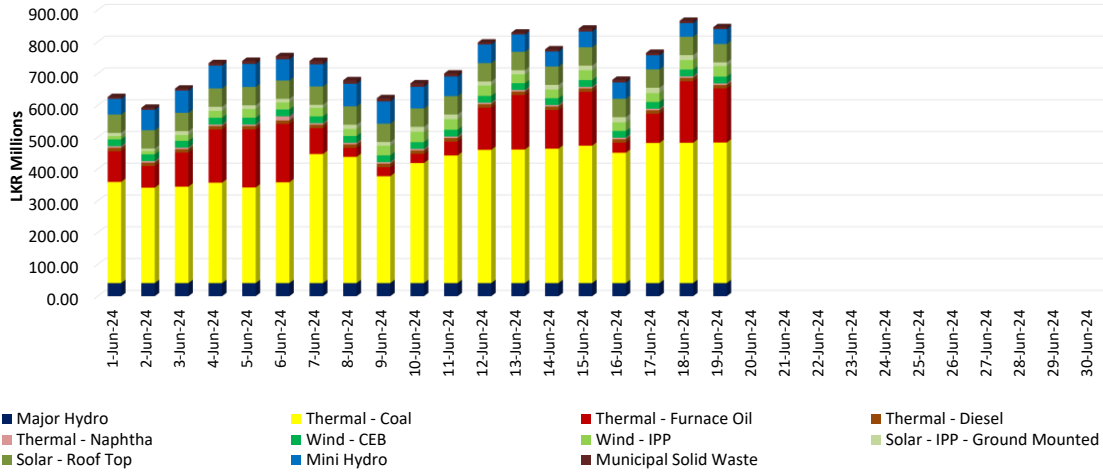
(as at 1st June 2024)

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

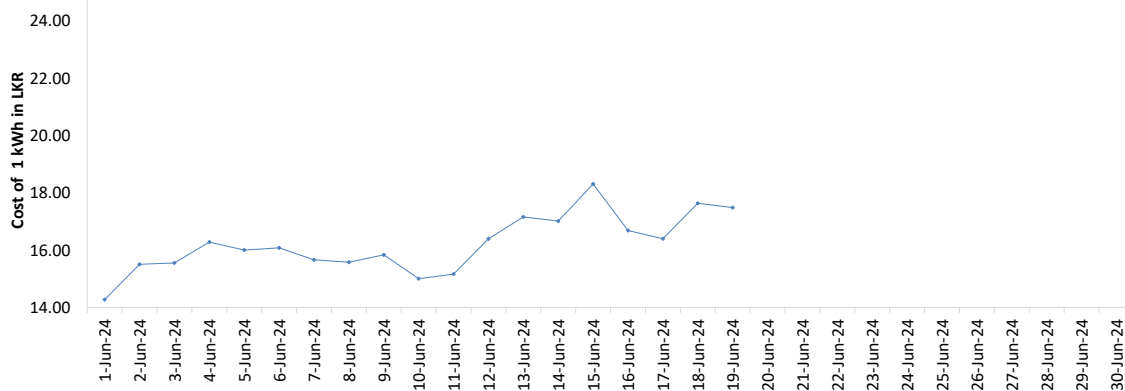
Generation Mix - June 2024

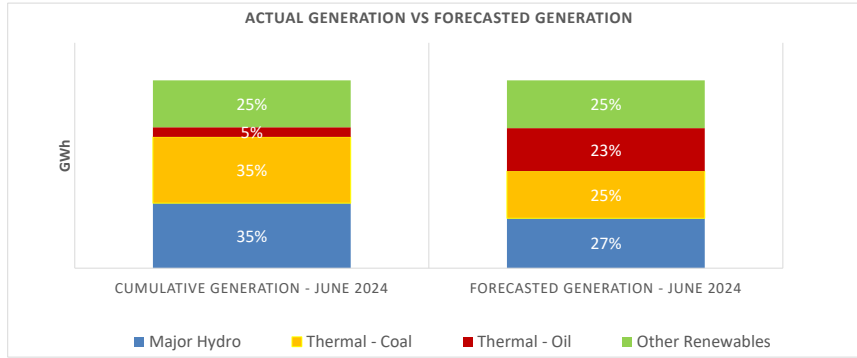


Cost of Generation - June 2024



Per Unit Cost of Generation - June 2024





	Cumulative Generation - June 2024 [GWh]	Forecasted Generation - June 2024 [GWh]
Major Hydro	299	359
Thermal - Coal	305	338
Thermal - Oil	44	309
Other Renewables	216	343
Total	864	1349

Forecasted Generation - SDDP Jan 2024

Estimated Cost of Generation - June 2024 (Mn LKR)

Major Hydro	785.33 Mn LKR
Thermal - Coal	7199.81 Mn LKR
Thermal - Furnace Oil	2097.09 Mn LKR
Thermal - Diesel	206.85 Mn LKR
Thermal - Naphtha	100.90 Mn LKR
Wind - CEB	405.59 Mn LKR
Wind - IPP	491.81 Mn LKR
Solar - IPP - Ground Mounted	246.90 Mn LKR
Solar - Roof Top	1098.37 Mn LKR
Mini Hydro	1129.05 Mn LKR
Municipal Solid Waste	155.78 Mn LKR
Total Generation Cost	13,917.48 Mn LKR

Generation Energy Cost (June)	10,624.20 Mn LKR
Generation Capacity Cost (June)	2,333.07 Mn LKR
Other Cost (June)	960.21 Mn LKR

Average Unit Cost of Generation (June) 16.10 LKR/kWh