



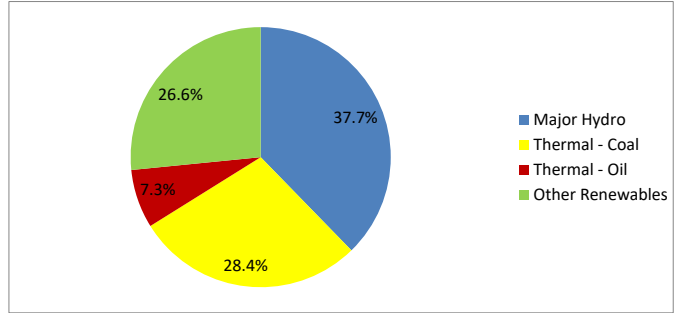
Daily Electricity Generation & Cost Estimation Report

4th June 2024



Daily Generation Mix - 4th June 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	16.98	37.7%
Thermal - Coal	12.79	28.4%
Thermal - Furnace Oil	3.29	7.3%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	0.00	0.0%
Wind - CEB	2.12	4.7%
Wind - IPP	1.53	3.4%
Solar - IPP - Ground Mounted	0.67	1.5%
Solar - Roof Top	2.32	5.2%
Mini Hydro	5.08	11.3%
Municipal Solid Waste	0.25	0.6%
Total	45.03	



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

Estimated Generation Cost : 4th 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	2.43	2.43
Thermal - Coal	264.3	28.4	37.9	330.6	20.65	2.22	2.97	25.84
Thermal - Furnace Oil	138.7	17.2	11.4	167.2	42.19	5.22	3.47	50.88
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	10.07	10.07
Wind - IPP	21.4	0.0	0.0	21.4	14.05	0.00	0.00	14.05
Solar - IPP - Ground Mounted	13.0	0.0	0.0	13.0	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	71.7	0.0	0.0	71.7	14.12	0.00	0.00	14.12
Municipal Solid Waste	7.8	0.0	0.0	7.8	30.76	0.00	0.00	30.76
Total	574.7	50.5	122.8	748.0	12.76	1.12	2.73	16.61

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.

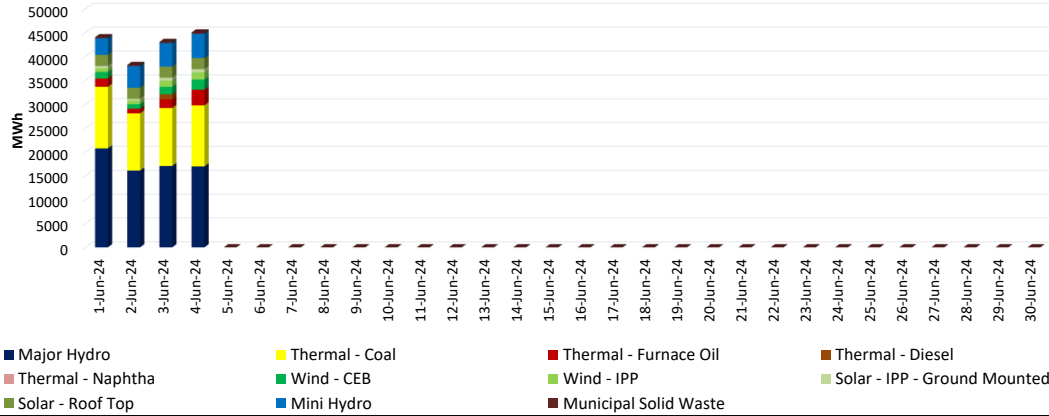
Unit Cost of Generation for the day : **16.61** LKR/kWh
 Total Generation Cost for the day: **748.04** Mn LKR

Fuel Prices

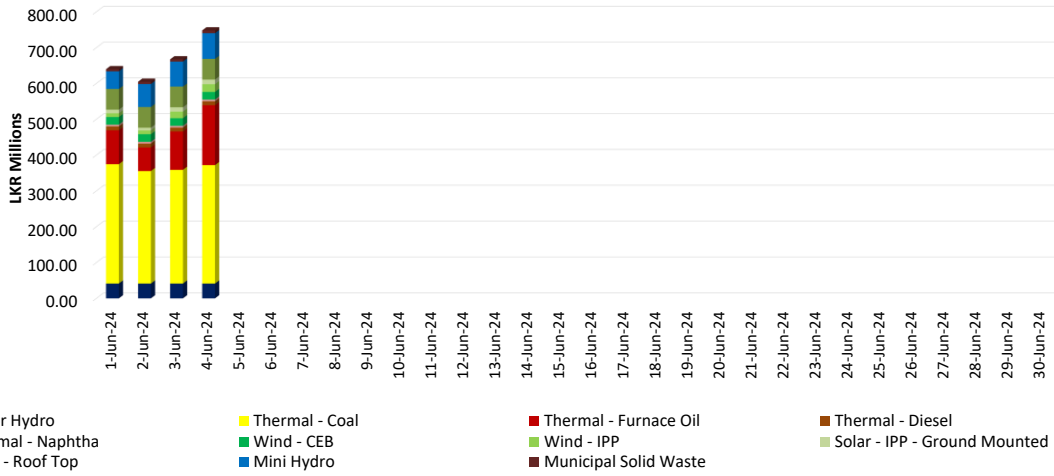
(as at 15th May 2024)

	Price (LKR/Liter or LKR/kg)
Furnace	181.00
Coal	50.31
Naphtha	197.60
Auto Diesel	317.00

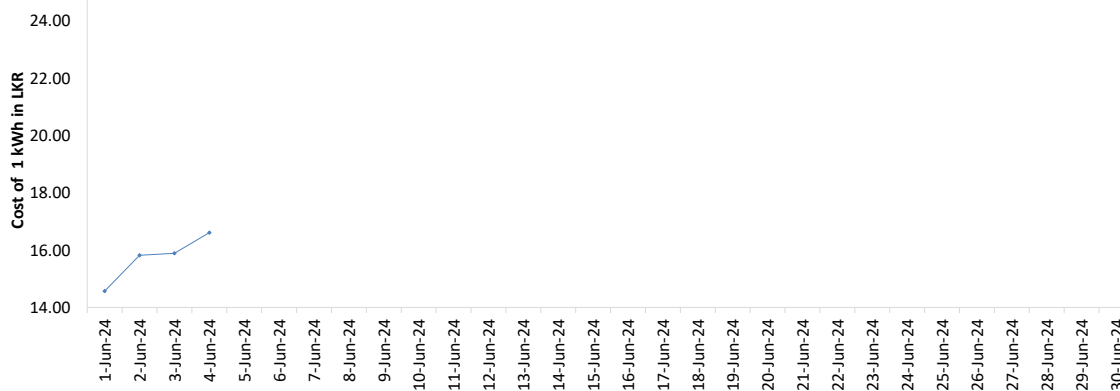
Generation Mix - June 2024

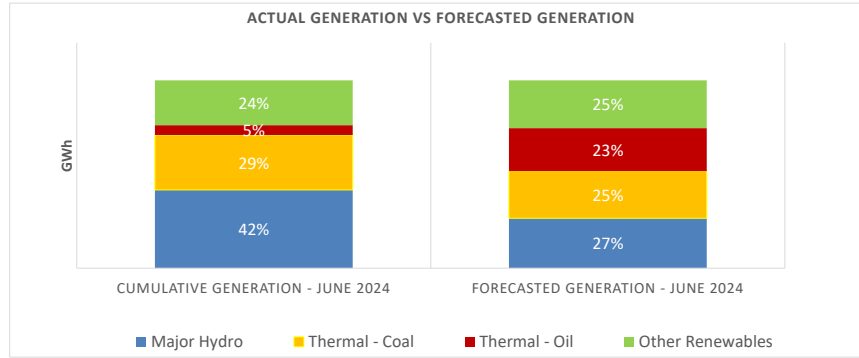


Cost of Generation - June 2024



Per Unit Cost of Generation - June 2024





	Cumulative Generation - June 2024 [GWh]	Forecasted Generation - June 2024 [GWh]
Major Hydro	71	359
Thermal - Coal	50	338
Thermal - Oil	9	309
Other Renewables	41	343
Total	170	1349

Forecasted Generation - SDDP Jan 2024

Estimated Cost of Generation - June 2024 (Mn LKR)

Major Hydro	165.33 Mn LKR
Thermal - Coal	1295.08 Mn LKR
Thermal - Furnace Oil	434.61 Mn LKR
Thermal - Diesel	43.55 Mn LKR
Thermal - Naphtha	19.51 Mn LKR
Wind - CEB	85.39 Mn LKR
Wind - IPP	60.36 Mn LKR
Solar - IPP - Ground Mounted	43.43 Mn LKR
Solar - Roof Top	231.24 Mn LKR
Mini Hydro	254.82 Mn LKR
Municipal Solid Waste	26.24 Mn LKR
Total Generation Cost	2,659.56 Mn LKR

Generation Energy Cost (June)	1,970.20 Mn LKR
Generation Capacity Cost (June)	491.17 Mn LKR
Other Cost (June)	198.18 Mn LKR
Average Unit Cost of Generation (June)	15.61 LKR/kWh