



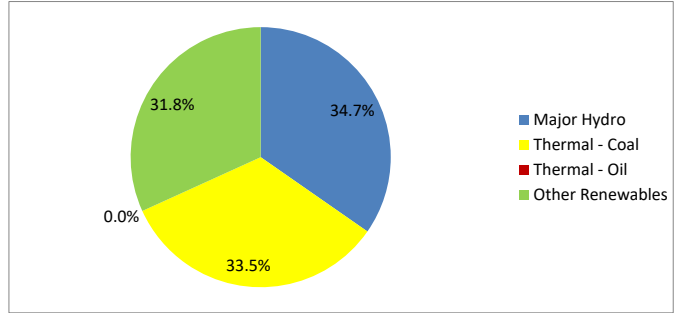
Daily Electricity Generation & Cost Estimation Report

23rd June 2024



Daily Generation Mix - 23rd June 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	13.46	34.7%
Thermal - Coal	13.02	33.5%
Thermal - Furnace Oil	0.00	0.0%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	0.00	0.0%
Wind - CEB	2.03	5.2%
Wind - IPP	2.40	6.2%
Solar - IPP - Ground Mounted	0.66	1.7%
Solar - Roof Top	2.32	6.0%
Mini Hydro	4.56	11.7%
Municipal Solid Waste	0.38	1.0%
Total	38.82	



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

Estimated Generation Cost : 23rd 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	3.07	3.07
Thermal - Coal	253.7	28.4	37.9	320.0	19.49	2.18	2.91	24.58
Thermal - Furnace Oil	0.0	17.2	11.4	28.6	0.00	0.00	0.00	0.00
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	10.52	10.52
Wind - IPP	33.6	0.0	0.0	33.6	14.05	0.00	0.00	14.05
Solar - IPP - Ground Mounted	12.9	0.0	0.0	12.9	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	64.3	0.0	0.0	64.3	14.12	0.00	0.00	14.12
Municipal Solid Waste	11.7	0.0	0.0	11.7	30.76	0.00	0.00	30.76
Total	434.1	50.5	122.8	607.5	11.18	1.30	3.16	15.65

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.

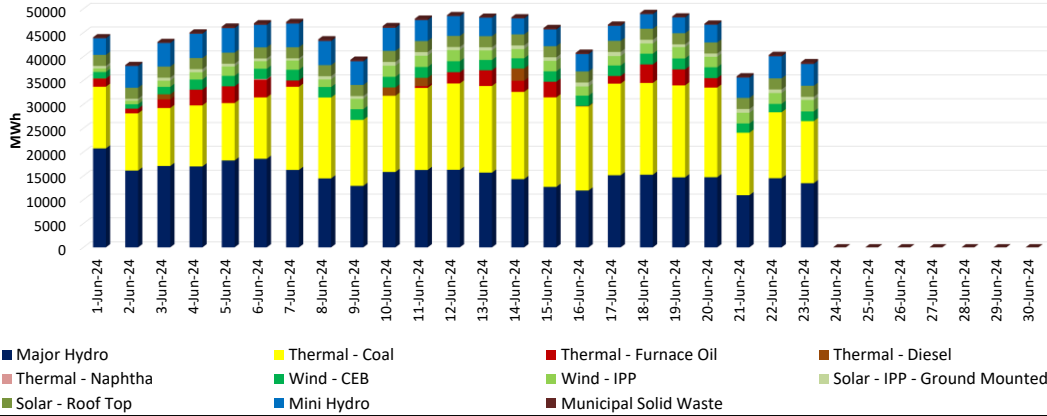
Unit Cost of Generation for the day : **15.65** LKR/kWh
 Total Generation Cost for the day: **607.45** Mn LKR

Fuel Prices

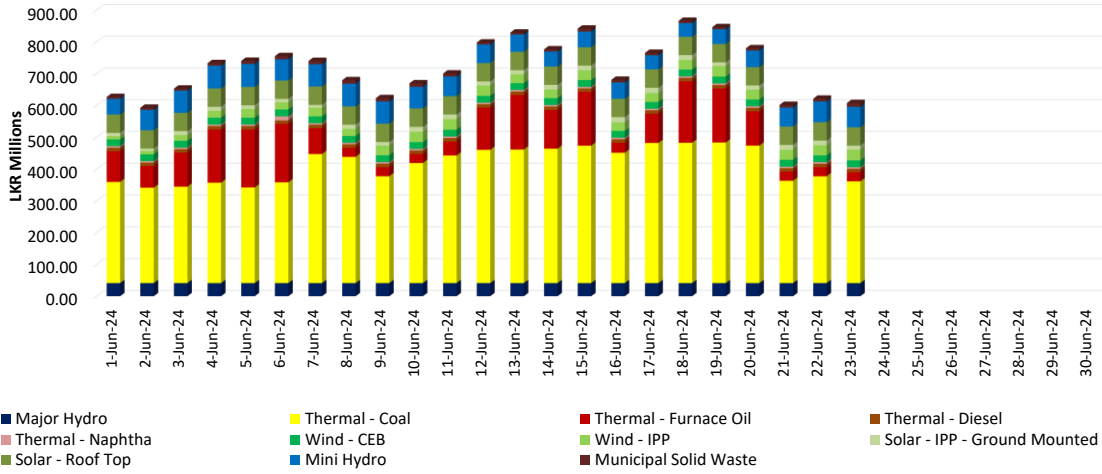
(as at 1st June 2024)

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

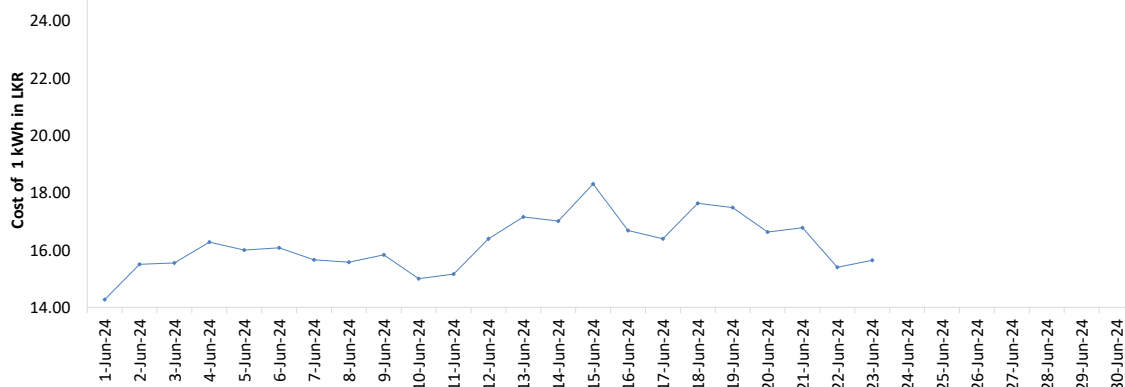
Generation Mix - June 2024

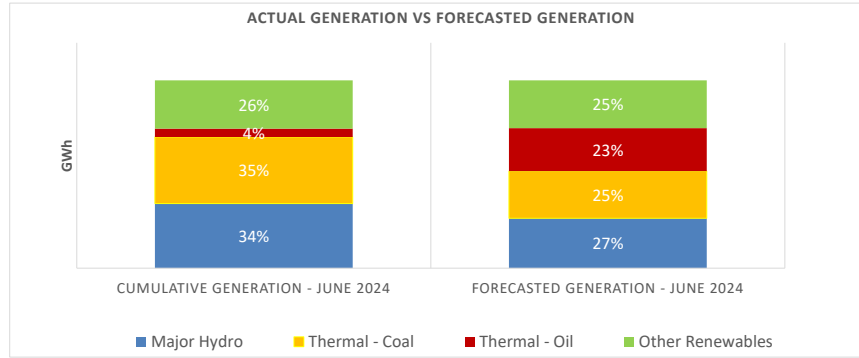


Cost of Generation - June 2024



Per Unit Cost of Generation - June 2024





	Cumulative Generation - June 2024 [GWh]	Forecasted Generation - June 2024 [GWh]
Major Hydro	353	359
Thermal - Coal	364	338
Thermal - Oil	46	309
Other Renewables	263	343
Total	1026	1349

Forecasted Generation - SDDP Jan 2024

Estimated Cost of Generation - June 2024 (Mn LKR)

Major Hydro	950.66 Mn LKR
Thermal - Coal	8609.73 Mn LKR
Thermal - Furnace Oil	2290.70 Mn LKR
Thermal - Diesel	250.40 Mn LKR
Thermal - Naphtha	120.41 Mn LKR
Wind - CEB	490.98 Mn LKR
Wind - IPP	619.70 Mn LKR
Solar - IPP - Ground Mounted	303.60 Mn LKR
Solar - Roof Top	1329.61 Mn LKR
Mini Hydro	1370.64 Mn LKR
Municipal Solid Waste	191.32 Mn LKR
Total Generation Cost	16,527.75 Mn LKR

Generation Energy Cost (June)	12,541.15 Mn LKR
Generation Capacity Cost (June)	2,824.25 Mn LKR
Other Cost (June)	1,162.35 Mn LKR
Average Unit Cost of Generation (June)	16.11 LKR/kWh