



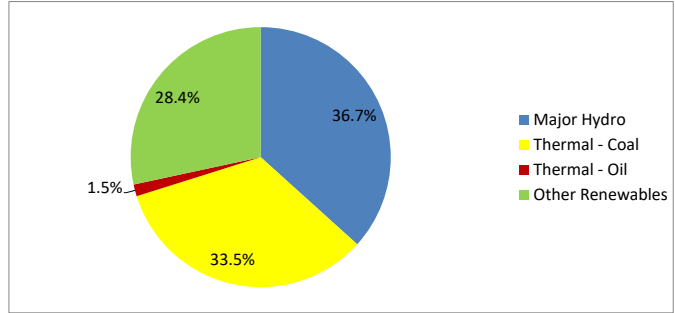
Daily Electricity Generation & Cost Estimation Report

26th June 2024



Daily Generation Mix - 26th June 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	16.87	36.7%
Thermal - Coal	15.38	33.5%
Thermal - Furnace Oil	0.68	1.5%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	0.00	0.0%
Wind - CEB	2.19	4.8%
Wind - IPP	2.47	5.4%
Solar - IPP - Ground Mounted	0.57	1.2%
Solar - Roof Top	2.32	5.0%
Mini Hydro	5.12	11.1%
Municipal Solid Waste	0.38	0.8%
Total	45.97	



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

Estimated Generation Cost : 26th 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	2.45	2.45
Thermal - Coal	299.8	28.4	37.9	366.1	19.49	1.84	2.47	23.80
Thermal - Furnace Oil	27.0	17.2	11.4	55.6	40.00	25.39	16.89	82.28
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	9.75	9.75
Wind - IPP	34.7	0.0	0.0	34.7	14.05	0.00	0.00	14.05
Solar - IPP - Ground Mounted	11.1	0.0	0.0	11.1	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	72.3	0.0	0.0	72.3	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	514.4	50.5	122.8	687.8	11.19	1.10	2.67	14.96

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.

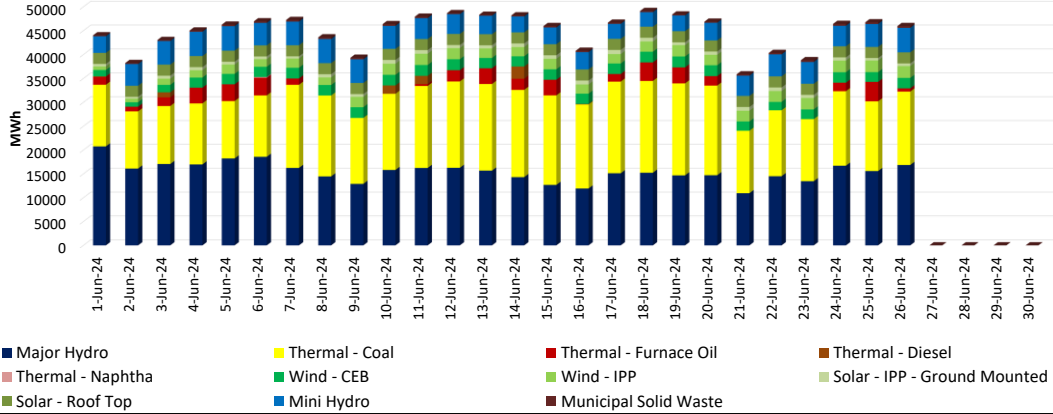
Unit Cost of Generation for the day : 14.96 LKR/kWh
Total Generation Cost for the day: 687.76 Mn LKR

Fuel Prices

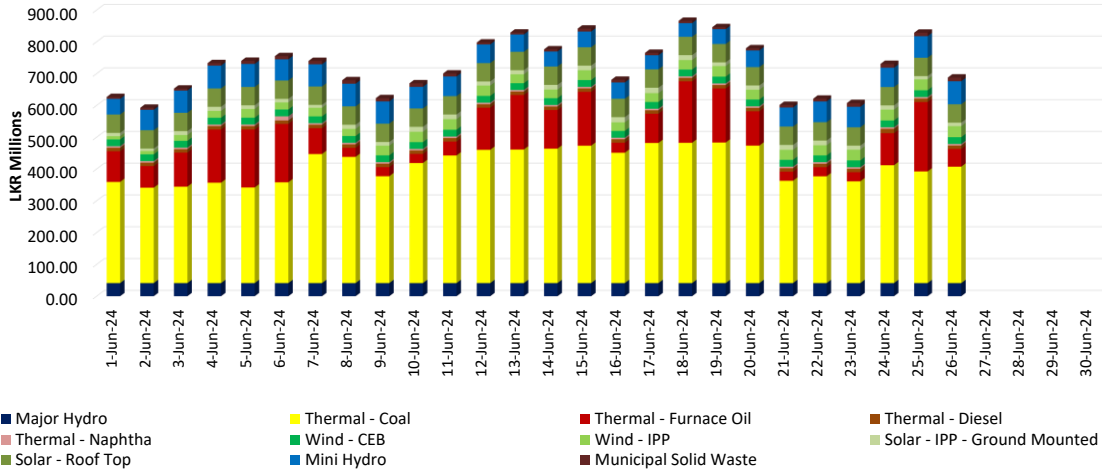
(as at 1st June 2024)

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

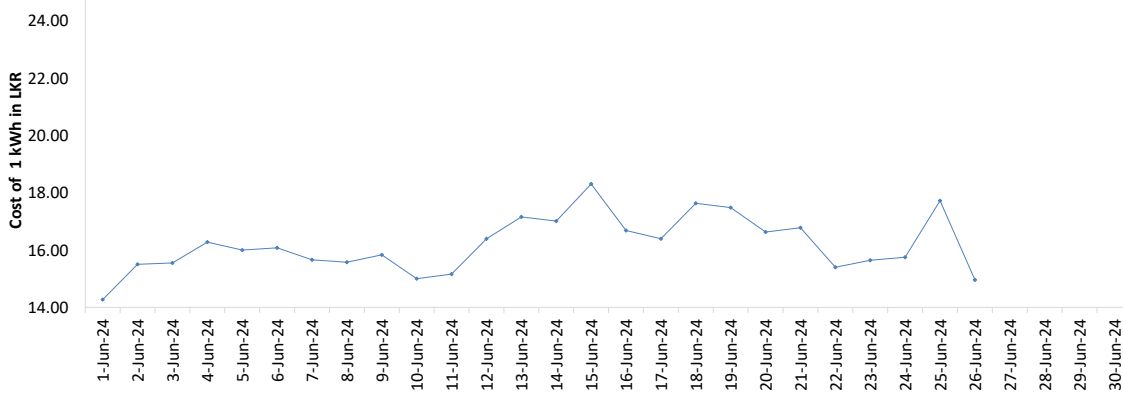
Generation Mix - June 2024

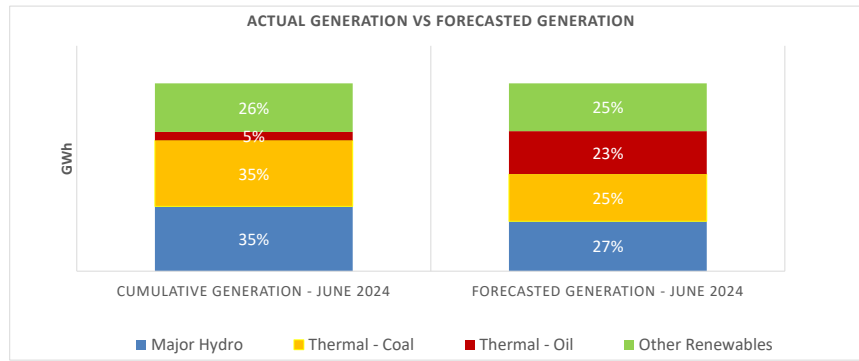


Cost of Generation - June 2024



Per Unit Cost of Generation - June 2024





	Cumulative Generation - June 2024 [GWh]	Forecasted Generation - June 2024 [GWh]
Major Hydro	402	359
Thermal - Coal	409	338
Thermal - Oil	53	309
Other Renewables	301	343
Total	1165	1349

Forecasted Generation - SDDP Jan 2024

Estimated Cost of Generation - June 2024 (Mn LKR)

Major Hydro	1074.66 Mn LKR
Thermal - Coal	9697.56 Mn LKR
Thermal - Furnace Oil	2665.35 Mn LKR
Thermal - Diesel	285.95 Mn LKR
Thermal - Naphtha	135.05 Mn LKR
Wind - CEB	555.02 Mn LKR
Wind - IPP	722.65 Mn LKR
Solar - IPP - Ground Mounted	338.42 Mn LKR
Solar - Roof Top	1503.03 Mn LKR
Mini Hydro	1571.26 Mn LKR
Municipal Solid Waste	226.08 Mn LKR
Total Generation Cost	18,775.03 Mn LKR

Generation Energy Cost (June)	14,366.62 Mn LKR
Generation Capacity Cost (June)	3,192.63 Mn LKR
Other Cost (June)	1,313.97 Mn LKR

Average Unit Cost of Generation (June) 16.11 LKR/kWh