



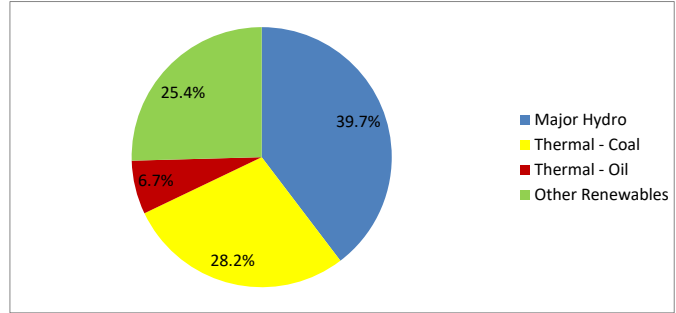
Daily Electricity Generation & Cost Estimation Report

3rd June 2024



Daily Generation Mix - 3rd June 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	17.07	39.7%
Thermal - Coal	12.16	28.2%
Thermal - Furnace Oil	1.81	4.2%
Thermal - Diesel	1.06	2.5%
Thermal - Naphtha	0.00	0.0%
Wind - CEB	1.56	3.6%
Wind - IPP	1.30	3.0%
Solar - IPP - Ground Mounted	0.63	1.5%
Solar - Roof Top	2.32	5.4%
Mini Hydro	4.94	11.5%
Municipal Solid Waste	0.20	0.5%
Total	43.05	



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

Estimated Generation Cost : 3rd 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	2.42	2.42
Thermal - Coal	251.1	28.4	37.9	317.4	20.65	2.33	3.12	26.11
Thermal - Furnace Oil	78.4	17.2	11.4	107.0	43.23	9.46	6.30	58.98
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	13.73	13.73
Wind - IPP	18.2	0.0	0.0	18.2	14.05	0.00	0.00	14.05
Solar - IPP - Ground Mounted	12.3	0.0	0.0	12.3	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	69.8	0.0	0.0	69.8	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	493.9	50.5	122.8	667.2	11.76	1.20	2.92	15.89

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.

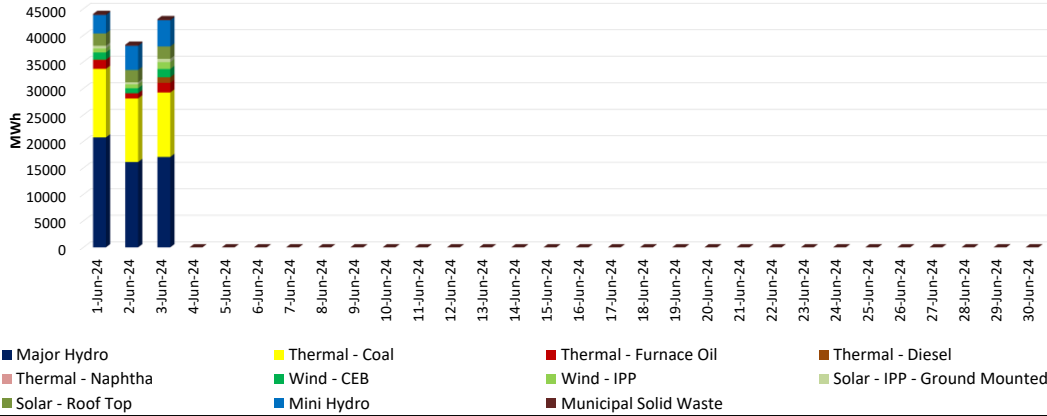
Unit Cost of Generation for the day : 15.89 LKR/kWh
Total Generation Cost for the day: 667.19 Mn LKR

Fuel Prices

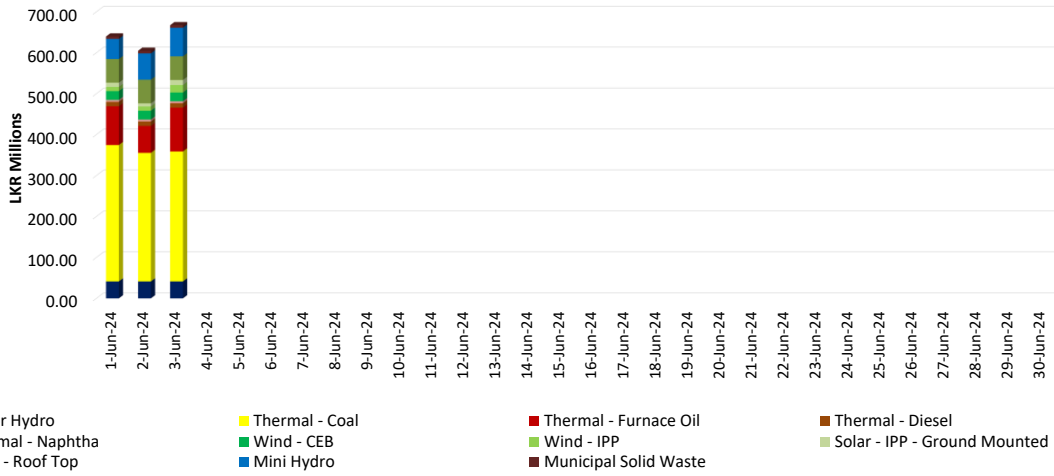
(as at 15th May 2024)

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

Generation Mix - June 2024

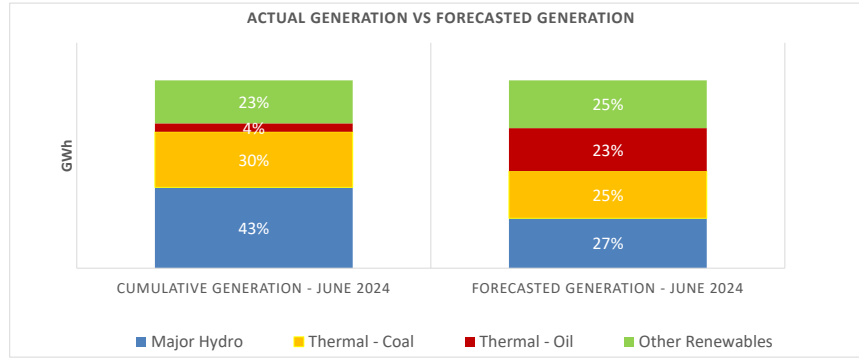


Cost of Generation - June 2024



Per Unit Cost of Generation - June 2024





	Cumulative Generation - June 2024 [GWh]	Forecasted Generation - June 2024 [GWh]
Major Hydro	54	359
Thermal - Coal	37	338
Thermal - Oil	6	309
Other Renewables	29	343
Total	125	1349

Forecasted Generation - SDDP Jan 2024

Estimated Cost of Generation - June 2024 (Mn LKR)

Major Hydro	124.00 Mn LKR
Thermal - Coal	964.52 Mn LKR
Thermal - Furnace Oil	267.36 Mn LKR
Thermal - Diesel	32.66 Mn LKR
Thermal - Naphtha	14.64 Mn LKR
Wind - CEB	64.04 Mn LKR
Wind - IPP	38.91 Mn LKR
Solar - IPP - Ground Mounted	30.38 Mn LKR
Solar - Roof Top	173.43 Mn LKR
Mini Hydro	183.09 Mn LKR
Municipal Solid Waste	18.49 Mn LKR
Total Generation Cost	1,911.52 Mn LKR

Generation Energy Cost (June)	1,395.50 Mn LKR
Generation Capacity Cost (June)	368.38 Mn LKR
Other Cost (June)	147.64 Mn LKR
Average Unit Cost of Generation (June)	15.26 LKR/kWh