



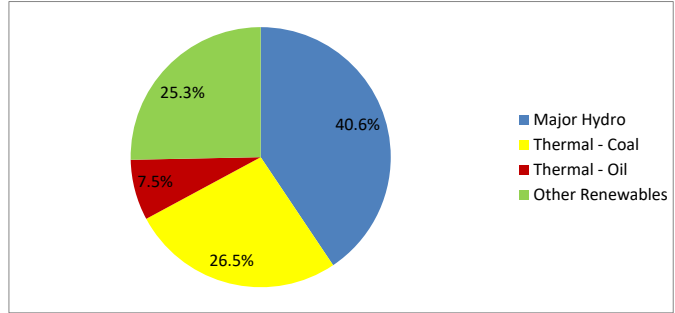
Daily Electricity Generation & Cost Estimation Report

29th May 2024



Daily Generation Mix - 29th May 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	19.10	40.6%
Thermal - Coal	12.48	26.5%
Thermal - Furnace Oil	2.43	5.2%
Thermal - Diesel	0.56	1.2%
Thermal - Naphtha	0.56	1.2%
Wind - CEB	1.18	2.5%
Wind - IPP	2.04	4.3%
Solar - IPP - Ground Mounted	0.61	1.3%
Solar - Roof Top	2.13	4.5%
Mini Hydro	5.68	12.1%
Municipal Solid Waste	0.27	0.6%
Total	47.04	



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

Estimated Generation Cost : 29th May 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	40.0	40.0	0.00	0.00	2.09	2.09
Thermal - Coal	257.8	27.5	36.7	322.0	20.65	2.20	2.94	25.79
Thermal - Furnace Oil	96.9	14.7	50.2	161.8	39.95	6.05	20.70	66.71
Thermal - Diesel	0.0	2.3	9.1	11.3	0.00	0.00	0.00	0.00
Thermal - Naphtha	29.9	1.9	2.8	34.6	53.25	3.42	4.99	61.65
Wind - CEB	0.0	0.0	20.7	20.7	0.00	0.00	17.54	17.54
Wind - IPP	28.7	0.0	0.0	28.7	14.05	0.00	0.00	14.05
Solar - IPP - Ground Mounted	12.0	0.0	0.0	12.0	19.56	0.00	0.00	19.56
Solar - Roof Top	53.1	0.0	0.0	53.1	24.92	0.00	0.00	24.92
Mini Hydro	80.1	0.0	0.0	80.1	14.12	0.00	0.00	14.12
Municipal Solid Waste	8.3	0.0	0.0	8.3	30.76	0.00	0.00	30.76
Total	566.9	46.3	159.5	772.7	12.05	0.98	3.39	16.43

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 :

16.43

LKR/kWh

Total Generation Cost for the day:

772.71

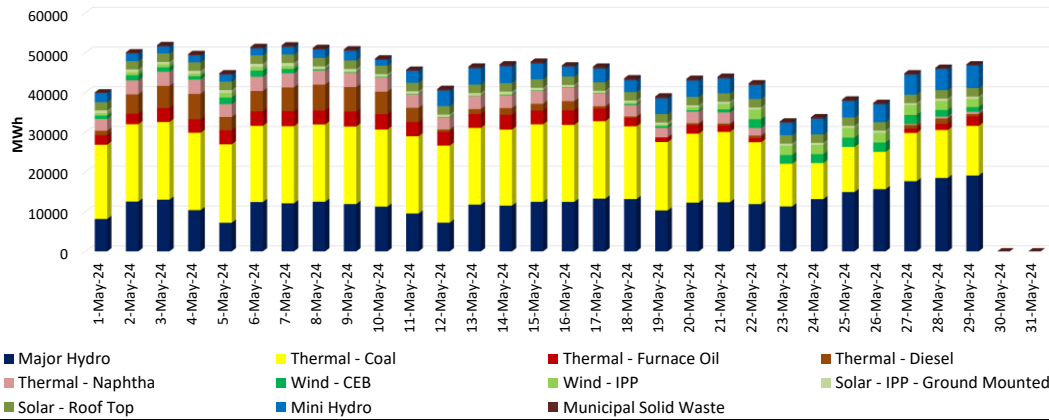
Mn LKR

Fuel Prices

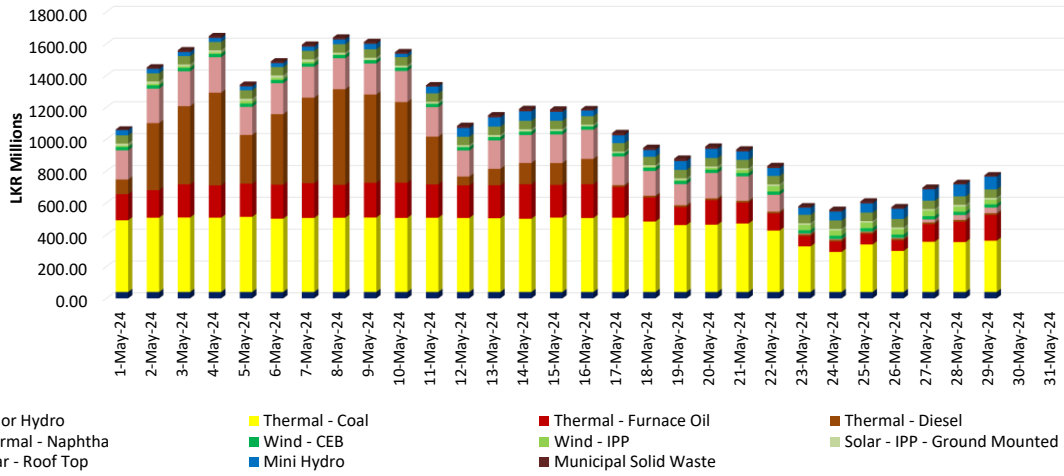
(as at 15th May 2024)

	Price (LKR/Liter or LKR/kg)
Furnace	181.00
Coal	50.31
Naphtha	197.60
Auto Diesel	333.00

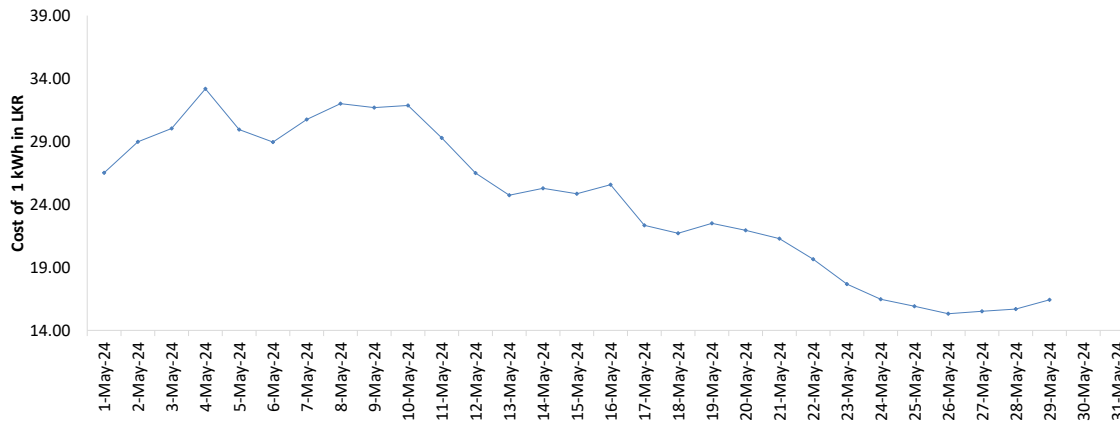
Generation Mix - May 2024

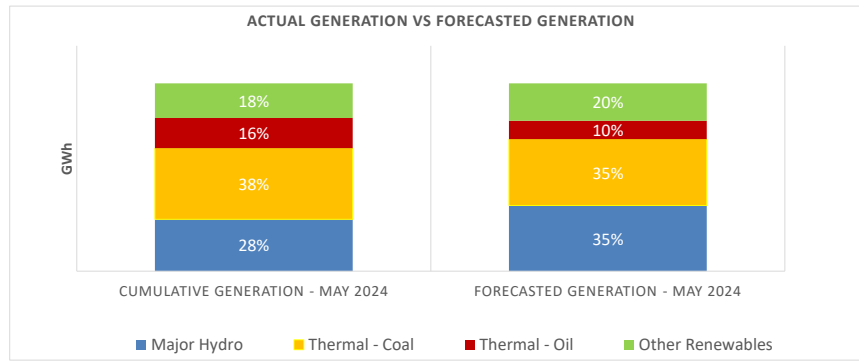


Cost of Generation - May 2024



Per Unit Cost of Generation - May 2024





	Cumulative Generation - May 2024 [GWh]	Forecasted Generation - May 2024 [GWh]
Major Hydro	360	482
Thermal - Coal	493	486
Thermal - Oil	211	136
Other Renewables	240	274
Total	1304	1378

Forecasted Generation - SDDP Jan 2024

Estimated Cost of Generation - May 2024 (Mn LKR)

Major Hydro	1159.99 Mn LKR
Thermal - Coal	12045.53 Mn LKR
Thermal - Furnace Oil	4795.83 Mn LKR
Thermal - Diesel	5574.91 Mn LKR
Thermal - Naphtha	4048.55 Mn LKR
Wind - CEB	599.09 Mn LKR
Wind - IPP	392.99 Mn LKR
Solar - IPP - Ground Mounted	346.59 Mn LKR
Solar - Roof Top	1533.95 Mn LKR
Mini Hydro	1332.24 Mn LKR
Municipal Solid Waste	328.76 Mn LKR
Total Generation Cost (May)	32,158.43 Mn LKR

Generation Energy Cost (May)	26,190.77 Mn LKR
Generation Capacity Cost (May)	4,624.16 Mn LKR
Other Cost (May)	1,343.49 Mn LKR

Average Unit Cost of Generation (May) 24.67 LKR/kWh