



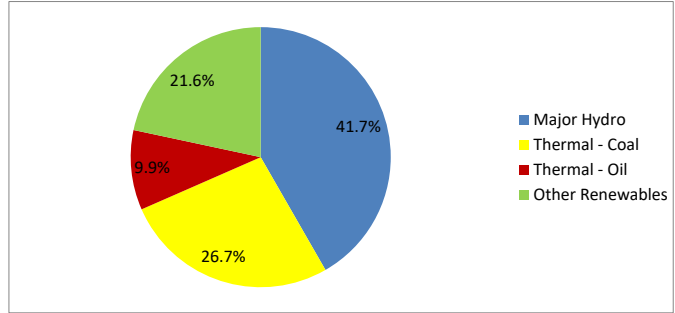
Daily Electricity Generation & Cost Estimation Report

31st May 2024



Daily Generation Mix - 31st May 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	20.17	41.7%
Thermal - Coal	12.93	26.7%
Thermal - Furnace Oil	2.28	4.7%
Thermal - Diesel	2.51	5.2%
Thermal - Naphtha	0.00	0.0%
Wind - CEB	1.64	3.4%
Wind - IPP	0.66	1.4%
Solar - IPP - Ground Mounted	0.74	1.5%
Solar - Roof Top	2.13	4.4%
Mini Hydro	5.07	10.5%
Municipal Solid Waste	0.24	0.5%
Total	48.37	



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

Estimated Generation Cost : 31st 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	1.98	1.98
Thermal - Coal	267.0	27.5	36.7	331.2	20.65	2.12	2.84	25.62
Thermal - Furnace Oil	91.3	14.7	50.2	156.2	39.97	6.43	21.99	68.39
Thermal - Diesel	0.1	2.3	9.1	11.4	0.03	0.00	0.00	0.03
Thermal - Naphtha	0.0	1.9	2.8	4.7	0.00	0.00	0.00	0.00
Wind - CEB	0.0	0.0	20.7	20.7	0.00	0.00	12.61	12.61
Wind - IPP	9.2	0.0	0.0	9.2	14.05	0.00	0.00	14.05
Solar - IPP - Ground Mounted	14.5	0.0	0.0	14.5	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	71.5	0.0	0.0	71.5	14.12	0.00	0.00	14.12
Municipal Solid Waste	7.4	0.0	0.0	7.4	30.76	0.00	0.00	30.76
Total	514.1	46.3	159.5	719.9	10.58	0.96	3.30	14.83

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.

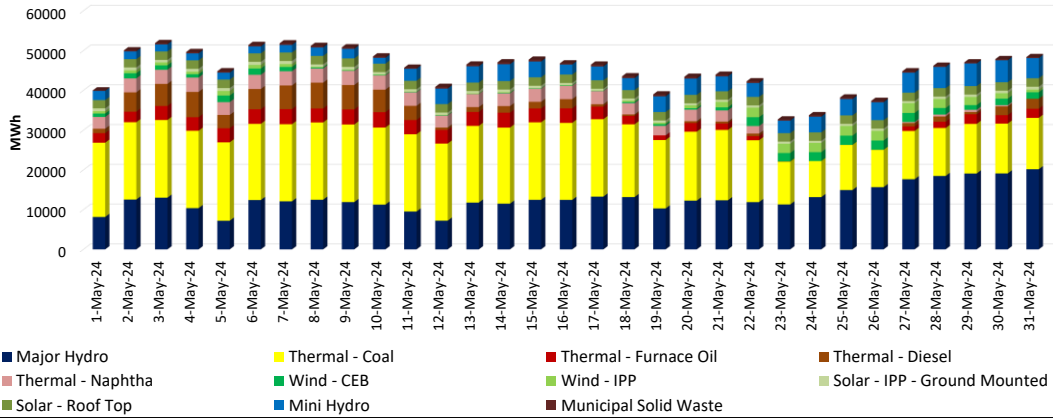
Unit Cost of Generation for the day : 14.83 LKR/kWh
Total Generation Cost for the day: 719.92 Mn LKR

Fuel Prices

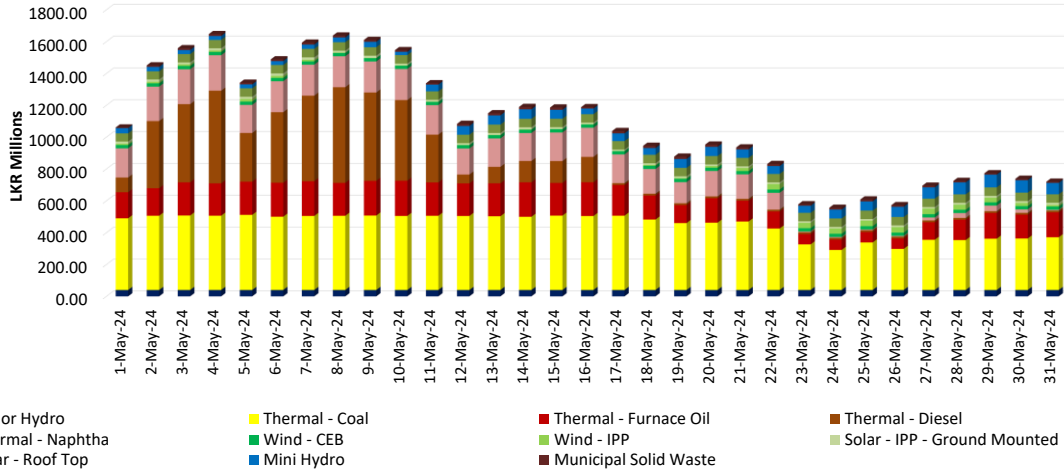
(as at 15th May 2024)

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

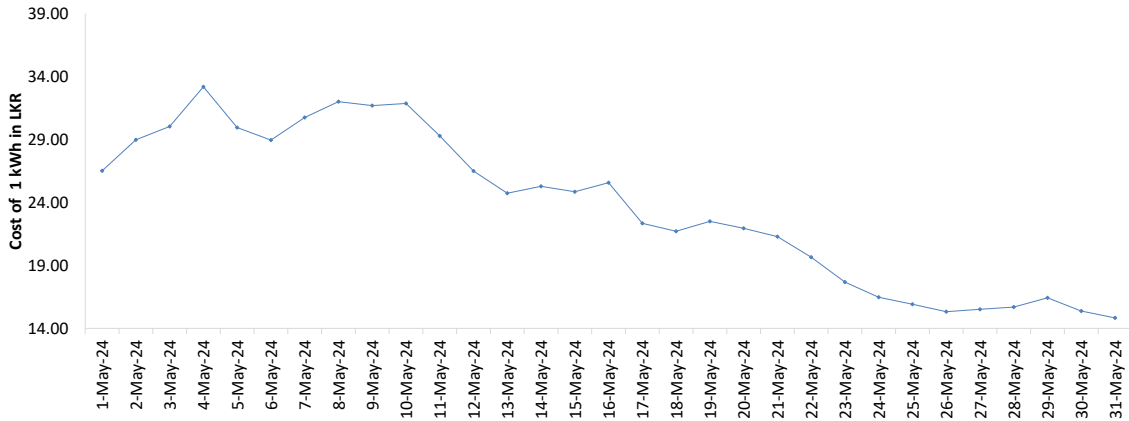
Generation Mix - May 2024

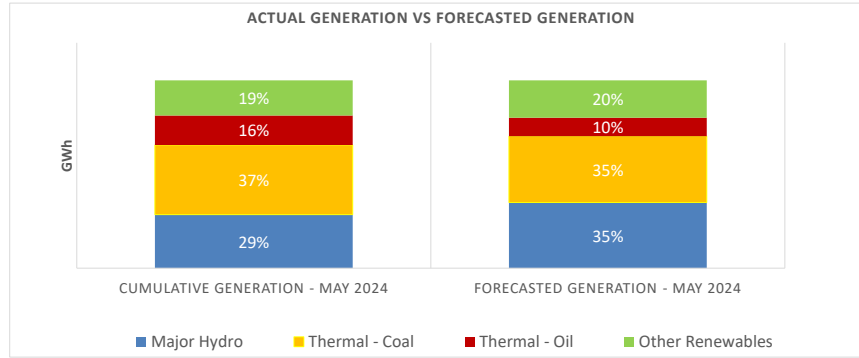


Cost of Generation - May 2024



Per Unit Cost of Generation - May 2024





	Cumulative Generation - May 2024 [GWh]	Forecasted Generation - May 2024 [GWh]
Major Hydro	399	482
Thermal - Coal	519	486
Thermal - Oil	220	136
Other Renewables	262	274
Total	1400	1378

Forecasted Generation - SDDP Jan 2024

Estimated Cost of Generation - May 2024 (Mn LKR)

Major Hydro	1239.99 Mn LKR
Thermal - Coal	12700.09 Mn LKR
Thermal - Furnace Oil	5101.88 Mn LKR
Thermal - Diesel	5597.65 Mn LKR
Thermal - Naphtha	4074.82 Mn LKR
Wind - CEB	640.40 Mn LKR
Wind - IPP	421.31 Mn LKR
Solar - IPP - Ground Mounted	373.55 Mn LKR
Solar - Roof Top	1640.10 Mn LKR
Mini Hydro	1481.59 Mn LKR
Municipal Solid Waste	345.07 Mn LKR
Total Generation Cost (May)	33,616.44 Mn LKR

Generation Energy Cost (May)	27,237.23 Mn LKR
Generation Capacity Cost (May)	4,943.07 Mn LKR
Other Cost (May)	1,436.14 Mn LKR

Average Unit Cost of Generation (May) 24.02 LKR/kWh