



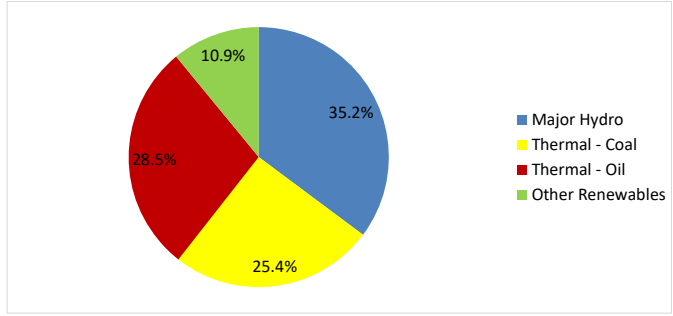
Daily Electricity Generation & Cost Estimation Report

26th April 2024



Daily Generation Mix - 26th April 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	17.76	35.2%
Thermal - Coal	12.83	25.4%
Thermal - Furnace Oil	4.14	8.2%
Thermal - Diesel	6.67	13.2%
Thermal - Naphtha	3.55	7.0%
Wind - CEB	0.08	0.2%
Wind - IPP	0.11	0.2%
Solar - IPP - Ground Mounted	0.63	1.2%
Solar - Roof Top	2.08	4.1%
Mini Hydro	2.12	4.2%
Municipal Solid Waste	0.50	1.0%
Total	50.47	



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 April 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	2.33	2.33
Thermal - Coal	272.9	28.4	37.9	339.2	21.27	2.21	2.96	26.44
Thermal - Furnace Oil	187.9	15.2	51.7	254.8	45.42	3.67	12.50	61.60
Thermal - Diesel	663.0	2.3	7.9	673.2	99.34	0.35	1.18	100.87
Thermal - Naphtha	221.1	2.0	2.9	226.0	62.26	0.56	0.82	63.63
Wind - CEB	0.0	0.0	21.3	21.3	0.00	0.00	277.23	277.23
Wind - IPP	1.5	0.0	0.0	1.5	13.75	0.00	0.00	13.75
Solar - IPP - Ground Mounted	12.4	0.0	0.0	12.4	19.67	0.00	0.00	19.67
Solar - Roof Top	51.2	0.0	0.0	51.2	24.59	0.00	0.00	24.59
Mini Hydro	30.3	0.0	0.0	30.3	14.27	0.00	0.00	14.27
Municipal Solid Waste	17.6	0.0	0.0	17.6	35.02	0.00	0.00	35.02
Total	1457.9	47.9	163.1	1668.8	28.88	0.95	3.23	33.06

Note -

Start/Stop costs has been excluded in the calculation

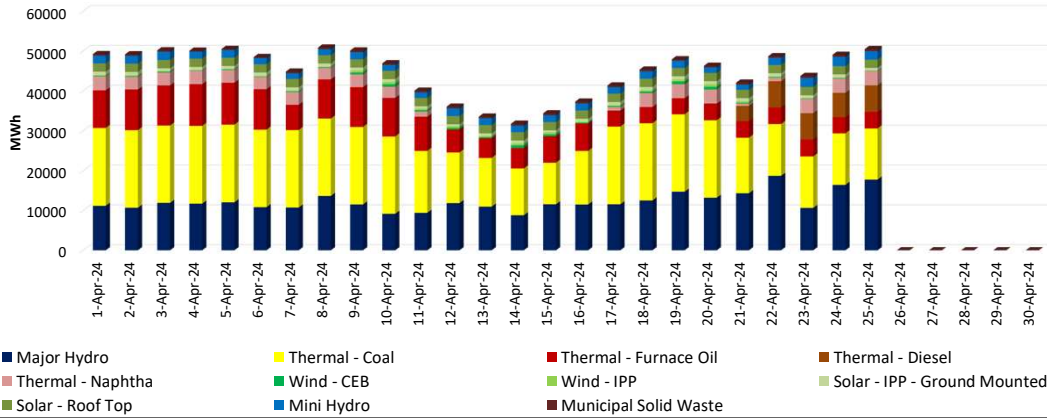
Unit Cost of Generation for the day : **33.06** LKR/kWh
 Total Generation Cost for the day: **1668.82** Mn LKR

Fuel Prices

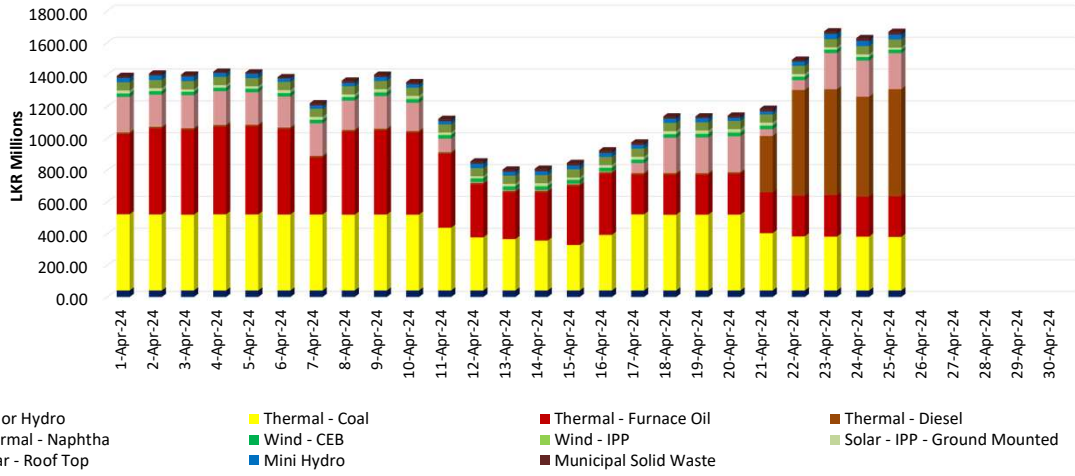
(as at 24th April 2024)

	Price (LKR/Liter or LKR/kg)
Furnace	202.00
Coal	51.82
Naphtha	231.00
Auto Diesel	363.00

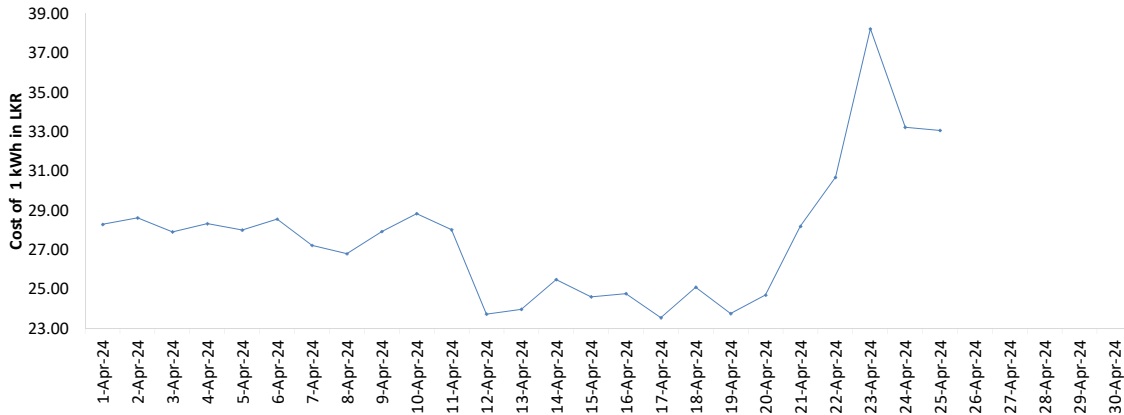
Generation Mix - April 2024

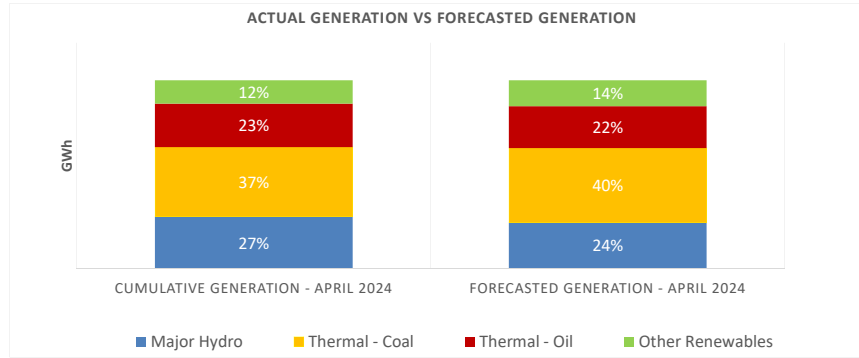


Cost of Generation - April 2024



Per Unit Cost of Generation - April 2024





	Cumulative Generation - April 2024 [GWh]	Forecasted Generation - April 2024 [GWh]
Major Hydro	307	310
Thermal - Coal	414	507
Thermal - Oil	258	284
Other Renewables	139	176
Total	1118	1276

Forecasted Generation - SDDP March 2024

Estimated Cost of Generation - April 2024 (Mn LKR)

Major Hydro	1033.33 Mn LKR
Thermal - Coal	10461.57 Mn LKR
Thermal - Furnace Oil	9575.46 Mn LKR
Thermal - Diesel	3188.96 Mn LKR
Thermal - Naphtha	3636.84 Mn LKR
Wind - CEB	533.67 Mn LKR
Wind - IPP	100.84 Mn LKR
Solar - IPP - Ground Mounted	366.25 Mn LKR
Solar - Roof Top	1278.89 Mn LKR
Mini Hydro	628.80 Mn LKR
Municipal Solid Waste	346.97 Mn LKR
Total Generation Cost (Apr)	31,151.58 Mn LKR

Generation Energy Cost (Apr)	25,877.56 Mn LKR
Generation Capacity Cost (Apr)	4,077.24 Mn LKR
Other Cost (Apr)	1,196.79 Mn LKR

Average Unit Cost of Generation (Apr) 27.86 LKR/kWh