



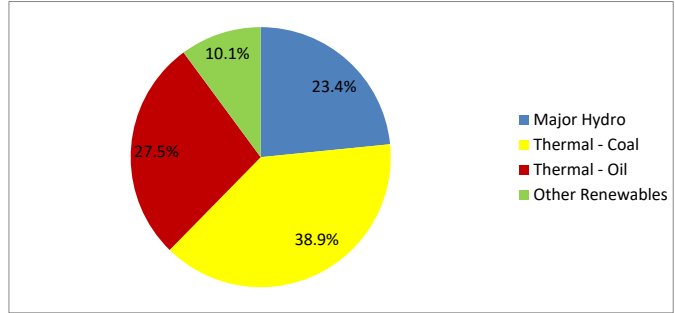
Daily Electricity Generation & Cost Estimation Report

4th April 2024



Daily Generation Mix - 4th April 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	11.73	23.4%
Thermal - Coal	19.50	38.9%
Thermal - Furnace Oil	10.47	20.9%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	3.33	6.6%
Wind - CEB	0.08	0.2%
Wind - IPP	0.15	0.3%
Solar - IPP - Ground Mounted	0.76	1.5%
Solar - Roof Top	2.08	4.2%
Mini Hydro	1.76	3.5%
Municipal Solid Waste	0.23	0.5%
Total	50.08	



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

Estimated Generation Cost : 4th 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	40.0	40.0	0.00	0.00	3.41	3.41
Thermal - Coal	409.7	27.5	36.7	473.8	21.01	1.41	1.88	24.30
Thermal - Furnace Oil	477.0	14.7	50.0	541.7	45.58	1.40	4.78	51.77
Thermal - Diesel	0.0	2.3	7.6	9.9	0.00	0.00	0.00	0.00
Thermal - Naphtha	174.6	1.9	2.8	179.3	52.47	0.58	0.84	53.89
Wind - CEB	0.0	0.0	20.7	20.7	0.00	0.00	245.93	245.93
Wind - IPP	2.1	0.0	0.0	2.1	13.75	0.00	0.00	13.75
Solar - IPP - Ground Mounted	14.9	0.0	0.0	14.9	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	25.1	0.0	0.0	25.1	14.27	0.00	0.00	14.27
Municipal Solid Waste	8.0	0.0	0.0	8.0	35.02	0.00	0.00	35.02
Total	1162.6	46.3	157.8	1366.7	23.21	0.93	3.15	27.29

Note -

Start/Stop costs has been excluded in the calculation

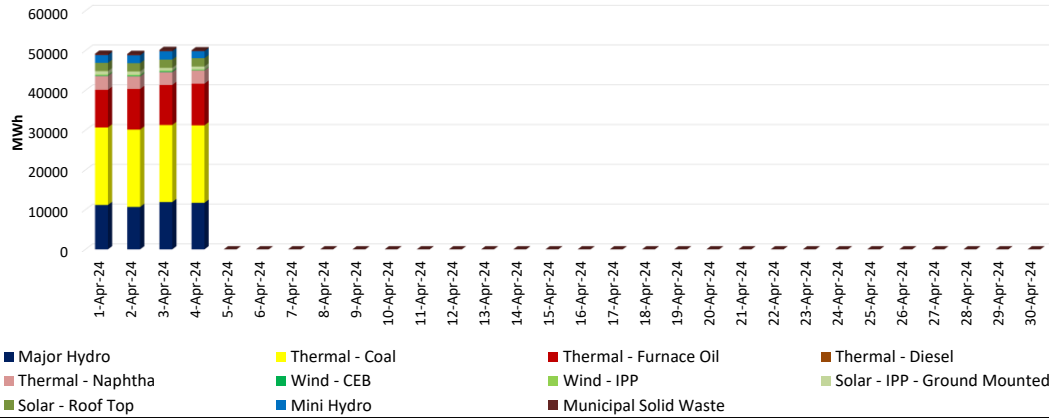
Unit Cost of Generation for the day : **27.29** LKR/kWh
 Total Generation Cost for the day: **1366.72** Mn LKR

Fuel Prices

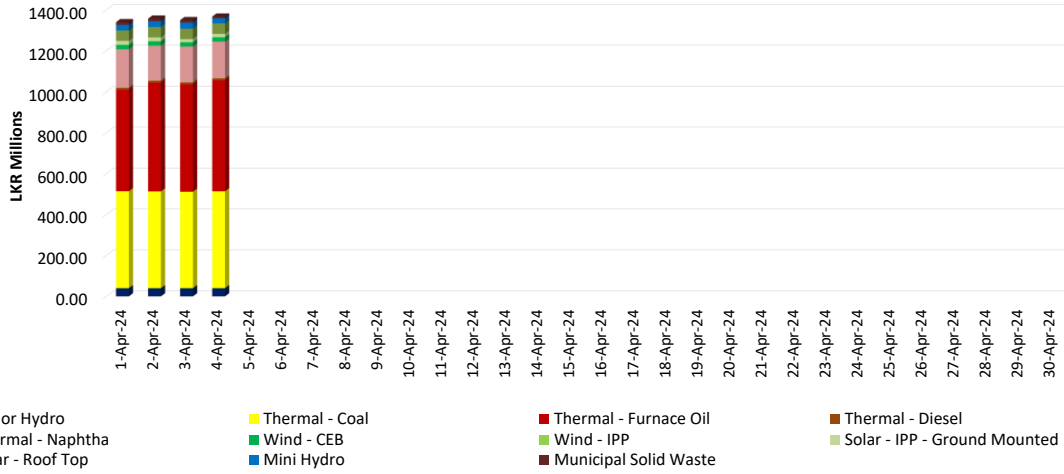
(as at 25th March 2024)

	Price (LKR/Liter or LKR/kg)
Furnace	199.00
Coal	51.18
Naphtha	194.70
Auto Diesel	363.00

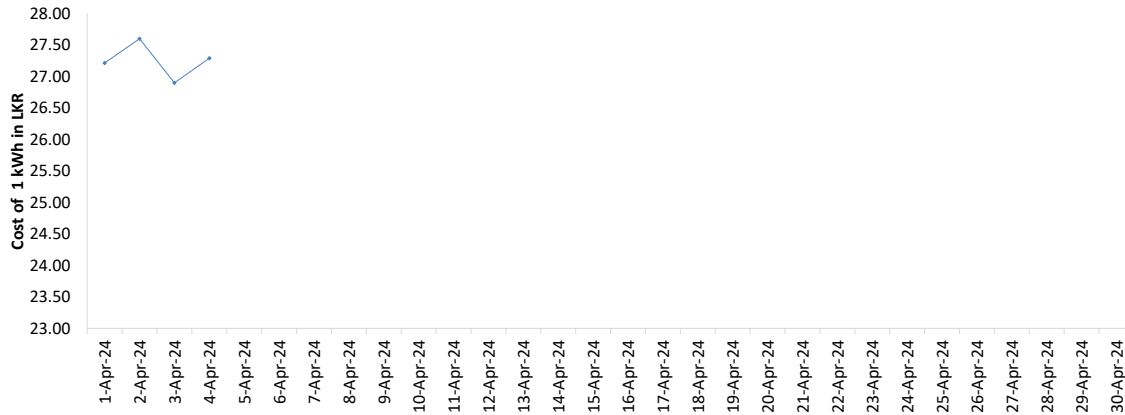
Generation Mix - April 2024

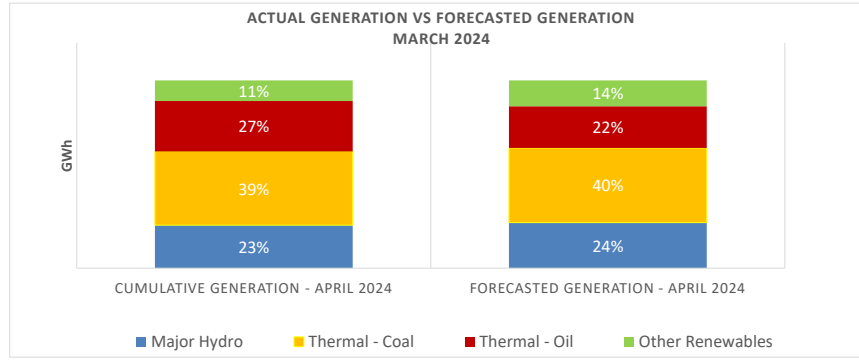


Cost of Generation - April 2024



Per Unit Cost of Generation - April 2024





	Cumulative Generation - April 2024 [GWh]	Forecasted Generation - April 2024 [GWh]
Major Hydro	46	310
Thermal - Coal	78	507
Thermal - Oil	53	284
Other Renewables	22	176
Total	199	1276

Forecasted Generation - SDDP March 2024

Estimated Cost of Generation - April 2024 (Mn LKR)

Major Hydro	160.00 Mn LKR
Thermal - Coal	1892.76 Mn LKR
Thermal - Furnace Oil	2092.18 Mn LKR
Thermal - Diesel	39.50 Mn LKR
Thermal - Naphtha	712.94 Mn LKR
Wind - CEB	82.63 Mn LKR
Wind - IPP	10.48 Mn LKR
Solar - IPP - Ground Mounted	62.14 Mn LKR
Solar - Roof Top	204.62 Mn LKR
Mini Hydro	110.30 Mn LKR
Municipal Solid Waste	44.90 Mn LKR
Total Generation Cost (Apr)	5,412.46 Mn LKR

Generation Energy Cost (Apr)	4,595.83 Mn LKR
Generation Capacity Cost (Apr)	631.31 Mn LKR
Other Cost (Apr)	185.31 Mn LKR

Average Unit Cost of Generation (Apr) 27.25 LKR/kWh