



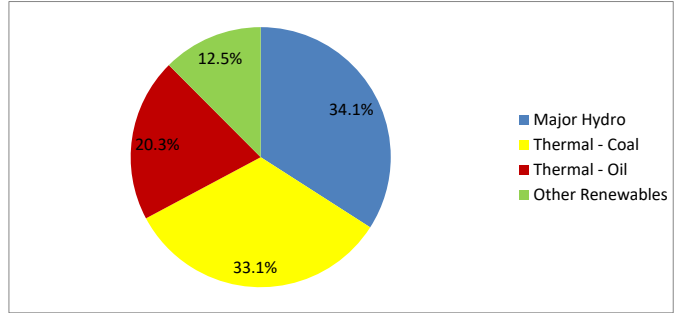
Daily Electricity Generation & Cost Estimation Report

21st April 2024



Daily Generation Mix - 21st April 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	14.33	34.1%
Thermal - Coal	13.94	33.1%
Thermal - Furnace Oil	4.16	9.9%
Thermal - Diesel	3.79	9.0%
Thermal - Naphtha	0.60	1.4%
Wind - CEB	0.21	0.5%
Wind - IPP	0.36	0.8%
Solar - IPP - Ground Mounted	0.80	1.9%
Solar - Roof Top	2.08	4.9%
Mini Hydro	1.32	3.1%
Municipal Solid Waste	0.49	1.2%
Total	42.06	



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

Estimated Generation Cost : 21st 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	2.88	2.88
Thermal - Coal	292.8	28.4	37.9	359.1	21.01	2.04	2.72	25.77
Thermal - Furnace Oil	189.1	15.2	51.7	256.0	45.45	3.65	12.43	61.53
Thermal - Diesel	344.3	2.3	7.9	354.5	90.88	0.62	2.08	93.58
Thermal - Naphtha	37.0	2.0	2.9	41.9	62.26	3.33	4.87	70.45
Wind - CEB	0.0	0.0	21.3	21.3	0.00	0.00	101.65	101.65
Wind - IPP	4.9	0.0	0.0	4.9	13.75	0.00	0.00	13.75
Solar - IPP - Ground Mounted	15.7	0.0	0.0	15.7	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	18.8	0.0	0.0	18.8	14.27	0.00	0.00	14.27
Municipal Solid Waste	17.2	0.0	0.0	17.2	35.02	0.00	0.00	35.02
Total	971.0	47.9	163.1	1181.9	23.08	1.14	3.88	28.10

Note -

Start/Stop costs has been excluded in the calculation

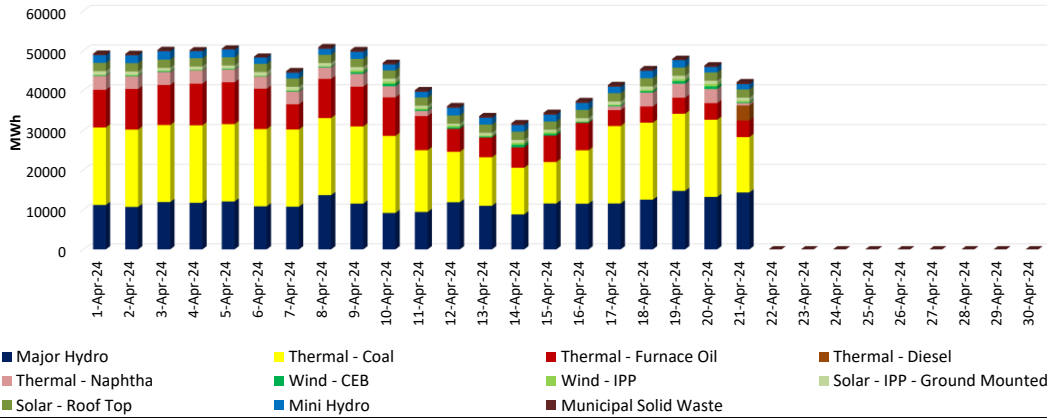
Unit Cost of Generation for the day : **28.10** LKR/kWh
 Total Generation Cost for the day: **1181.95** Mn LKR

Fuel Prices

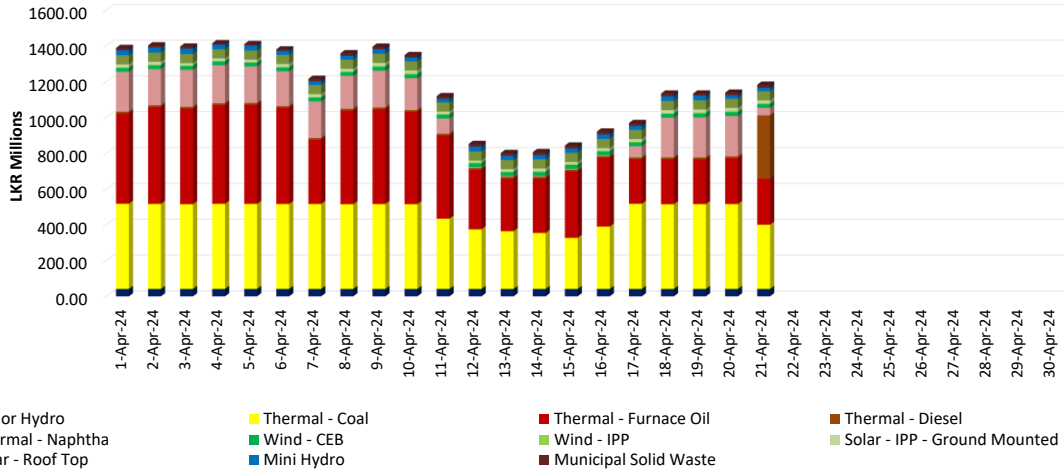
(as at 9th April 2024)

	Price (LKR/Liter or LKR/kg)
Furnace	202.00
Coal	51.18
Naphtha	231.00
Auto Diesel	363.00

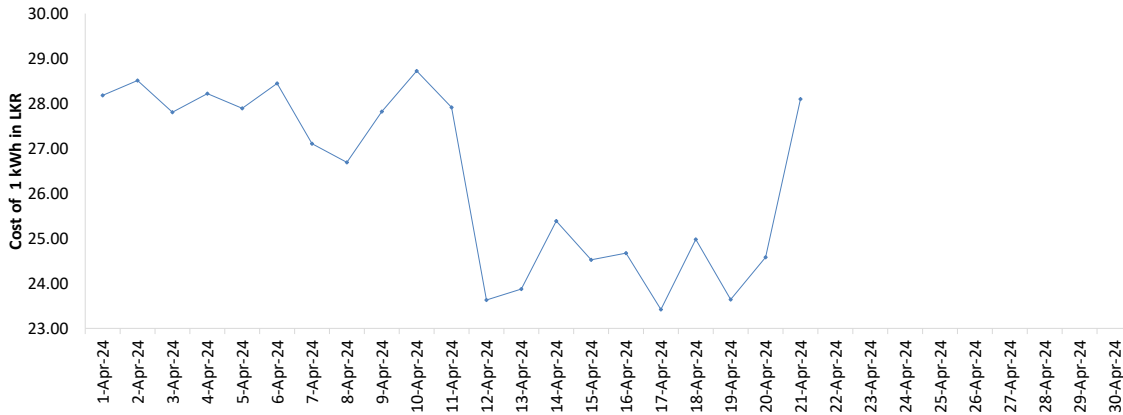
Generation Mix - April 2024

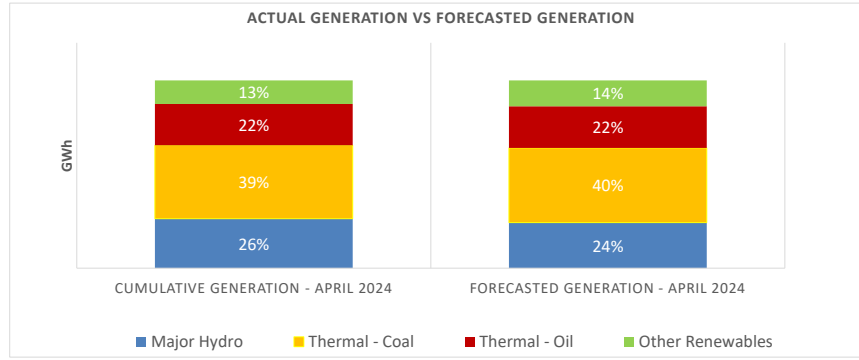


Cost of Generation - April 2024



Per Unit Cost of Generation - April 2024





	Cumulative Generation - April 2024 [GWh]	Forecasted Generation - April 2024 [GWh]
Major Hydro	244	310
Thermal - Coal	362	507
Thermal - Oil	204	284
Other Renewables	117	176
Total	926	1276

Forecasted Generation - SDDP March 2024

Estimated Cost of Generation - April 2024 (Mn LKR)

Major Hydro	868.00 Mn LKR
Thermal - Coal	9002.42 Mn LKR
Thermal - Furnace Oil	8553.80 Mn LKR
Thermal - Diesel	558.60 Mn LKR
Thermal - Naphtha	2895.78 Mn LKR
Wind - CEB	448.28 Mn LKR
Wind - IPP	92.32 Mn LKR
Solar - IPP - Ground Mounted	309.25 Mn LKR
Solar - Roof Top	1074.27 Mn LKR
Mini Hydro	506.71 Mn LKR
Municipal Solid Waste	283.02 Mn LKR
Total Generation Cost (Apr)	24,592.44 Mn LKR

Generation Energy Cost (Apr)	20,162.26 Mn LKR
Generation Capacity Cost (Apr)	3,424.88 Mn LKR
Other Cost (Apr)	1,005.30 Mn LKR

Average Unit Cost of Generation (Apr) 26.55 LKR/kWh