



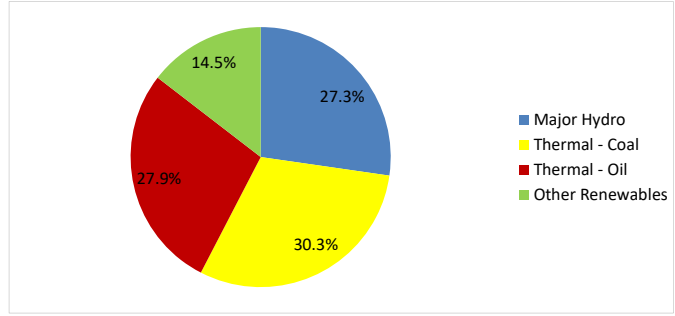
Daily Electricity Generation & Cost Estimation Report

28th April 2024



Daily Generation Mix - 28th April 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	11.56	27.3%
Thermal - Coal	12.85	30.3%
Thermal - Furnace Oil	3.17	7.5%
Thermal - Diesel	5.47	12.9%
Thermal - Naphtha	3.18	7.5%
Wind - CEB	0.17	0.4%
Wind - IPP	0.17	0.4%
Solar - IPP - Ground Mounted	0.77	1.8%
Solar - Roof Top	2.08	4.9%
Mini Hydro	2.68	6.3%
Municipal Solid Waste	0.28	0.7%
Total	42.39	



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

Estimated Generation Cost : 28th 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	3.58	3.58
Thermal - Coal	273.5	28.4	37.9	339.8	21.27	2.21	2.95	26.43
Thermal - Furnace Oil	144.5	15.2	51.7	211.4	45.58	4.79	16.31	66.68
Thermal - Diesel	542.9	2.3	7.9	553.1	99.20	0.43	1.44	101.07
Thermal - Naphtha	197.7	2.0	2.9	202.5	62.26	0.62	0.91	63.79
Wind - CEB	0.0	0.0	21.3	21.3	0.00	0.00	124.11	124.11
Wind - IPP	2.3	0.0	0.0	2.3	13.75	0.00	0.00	13.75
Solar - IPP - Ground Mounted	15.2	0.0	0.0	15.2	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	38.3	0.0	0.0	38.3	14.27	0.00	0.00	14.27
Municipal Solid Waste	9.9	0.0	0.0	9.9	35.02	0.00	0.00	35.02
Total	1275.4	47.9	163.1	1486.3	30.09	1.13	3.85	35.06

Note -

Start/Stop costs has been excluded in the calculation

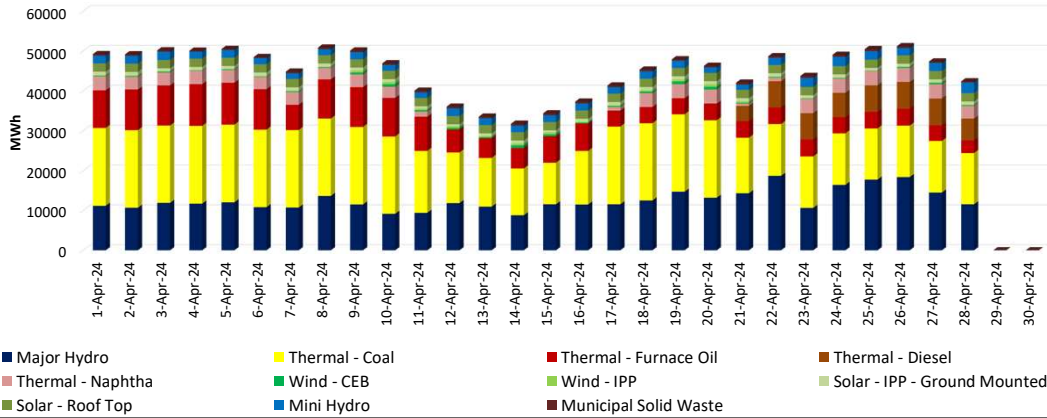
Unit Cost of Generation for the day : **35.06** LKR/kWh
 Total Generation Cost for the day: **1486.35** Mn LKR

Fuel Prices

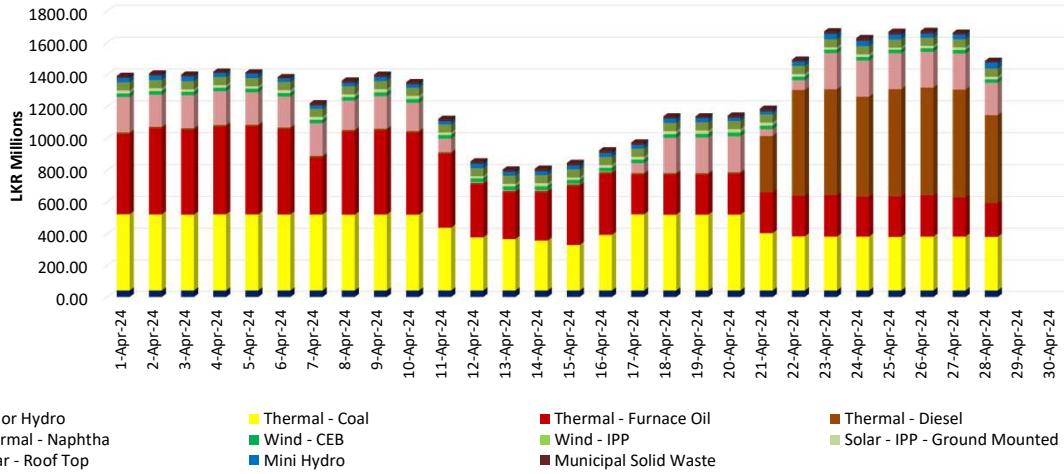
(as at 24th April 2024)

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

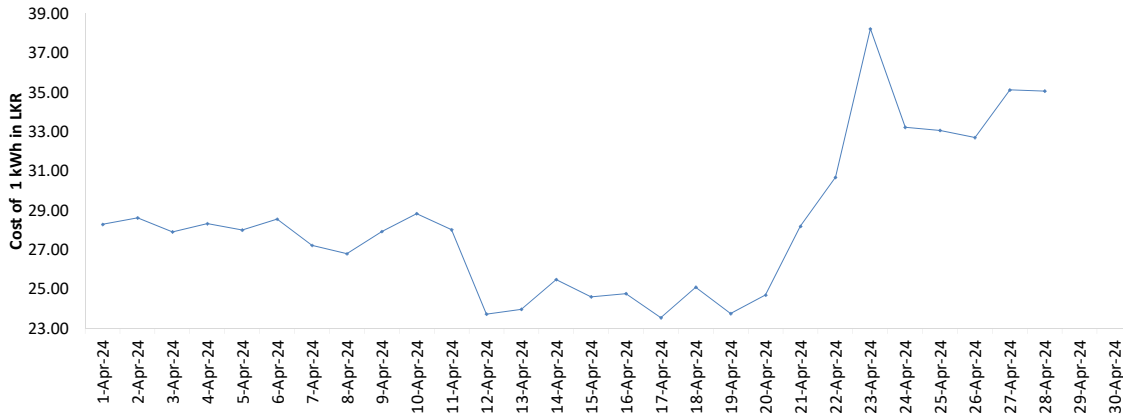
Generation Mix - April 2024

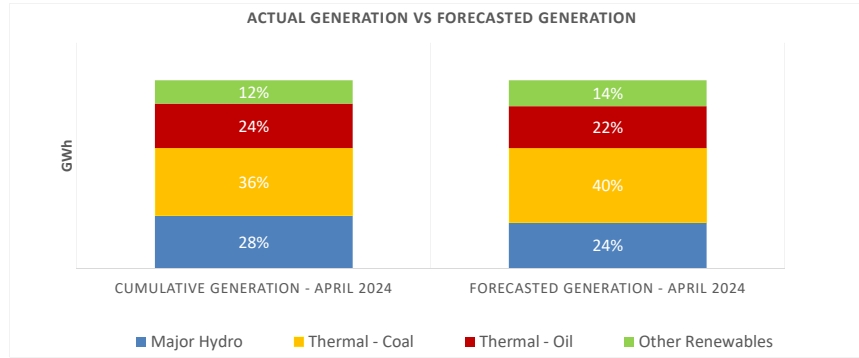


Cost of Generation - April 2024



Per Unit Cost of Generation - April 2024





	Cumulative Generation - April 2024 [GWh]	Forecasted Generation - April 2024 [GWh]
Major Hydro	352	310
Thermal - Coal	453	507
Thermal - Oil	298	284
Other Renewables	156	176
Total	1259	1276

Forecasted Generation - SDDP March 2024

Estimated Cost of Generation - April 2024 (Mn LKR)

Major Hydro	1157.33 Mn LKR
Thermal - Coal	11484.09 Mn LKR
Thermal - Furnace Oil	10291.34 Mn LKR
Thermal - Diesel	5096.57 Mn LKR
Thermal - Naphtha	4290.96 Mn LKR
Wind - CEB	597.71 Mn LKR
Wind - IPP	109.60 Mn LKR
Solar - IPP - Ground Mounted	408.09 Mn LKR
Solar - Roof Top	1432.36 Mn LKR
Mini Hydro	722.32 Mn LKR
Municipal Solid Waste	384.90 Mn LKR
Total Generation Cost (Apr)	35,975.27 Mn LKR

Generation Energy Cost (Apr)	30,068.36 Mn LKR
Generation Capacity Cost (Apr)	4,566.50 Mn LKR
Other Cost (Apr)	1,340.40 Mn LKR

Average Unit Cost of Generation (Apr) 28.57 LKR/kWh