



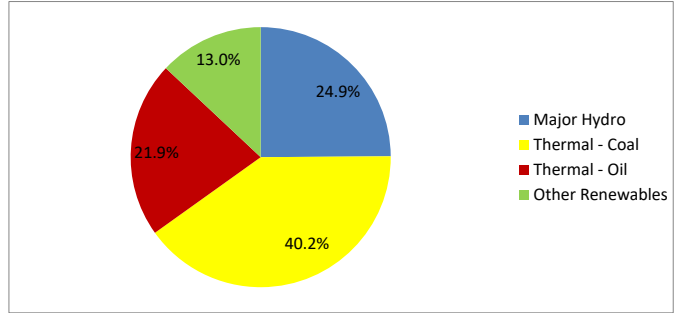
Daily Electricity Generation & Cost Estimation Report

30th April 2024



Daily Generation Mix - 30th April 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	12.09	24.9%
Thermal - Coal	19.53	40.2%
Thermal - Furnace Oil	3.94	8.1%
Thermal - Diesel	3.24	6.7%
Thermal - Naphtha	3.44	7.1%
Wind - CEB	0.39	0.8%
Wind - IPP	0.34	0.7%
Solar - IPP - Ground Mounted	0.73	1.5%
Solar - Roof Top	2.08	4.3%
Mini Hydro	2.62	5.4%
Municipal Solid Waste	0.17	0.4%
Total	48.56	



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

Estimated Generation Cost : 30th 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	3.42	3.42
Thermal - Coal	415.6	28.4	37.9	481.9	21.27	1.45	1.94	24.67
Thermal - Furnace Oil	177.8	15.2	51.7	244.7	45.13	3.85	13.13	62.11
Thermal - Diesel	260.2	2.3	7.9	270.4	80.26	0.72	2.42	83.40
Thermal - Naphtha	214.0	2.0	2.9	218.9	62.26	0.58	0.84	63.67
Wind - CEB	0.0	0.0	21.3	21.3	0.00	0.00	55.02	55.02
Wind - IPP	4.6	0.0	0.0	4.6	13.75	0.00	0.00	13.75
Solar - IPP - Ground Mounted	14.3	0.0	0.0	14.3	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	37.3	0.0	0.0	37.3	14.27	0.00	0.00	14.27
Municipal Solid Waste	6.0	0.0	0.0	6.0	35.02	0.00	0.00	35.02
Total	1181.0	47.9	163.1	1391.9	24.32	0.99	3.36	28.66

Note -

Start/Stop costs has been excluded in the calculation

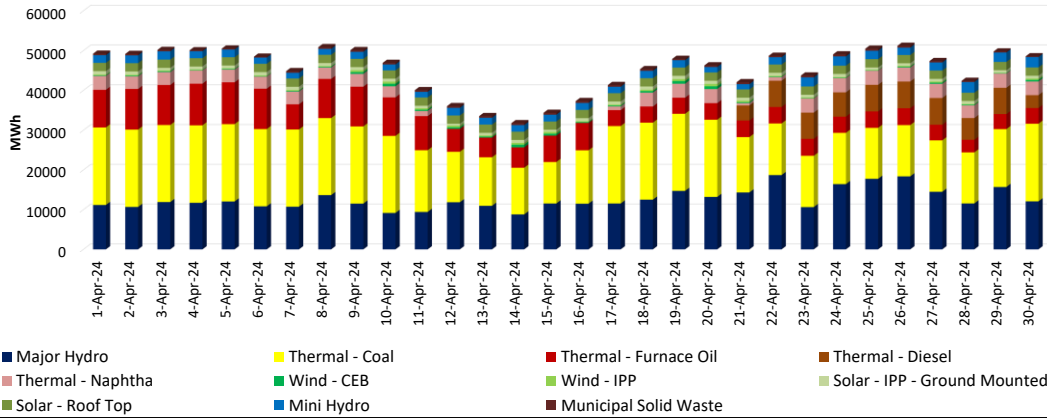
Unit Cost of Generation for the day : **28.66** LKR/kWh
 Total Generation Cost for the day: **1391.91** Mn LKR

Fuel Prices

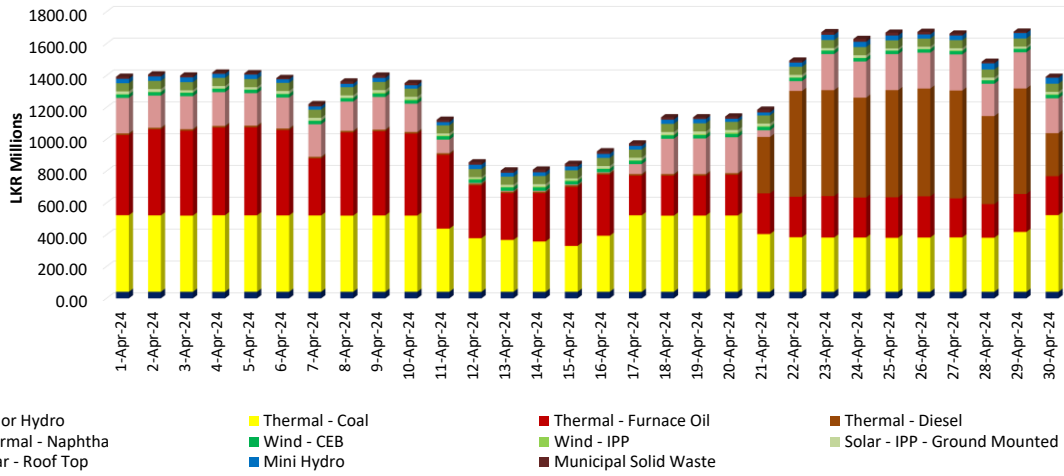
(as at 24th April 2024)

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

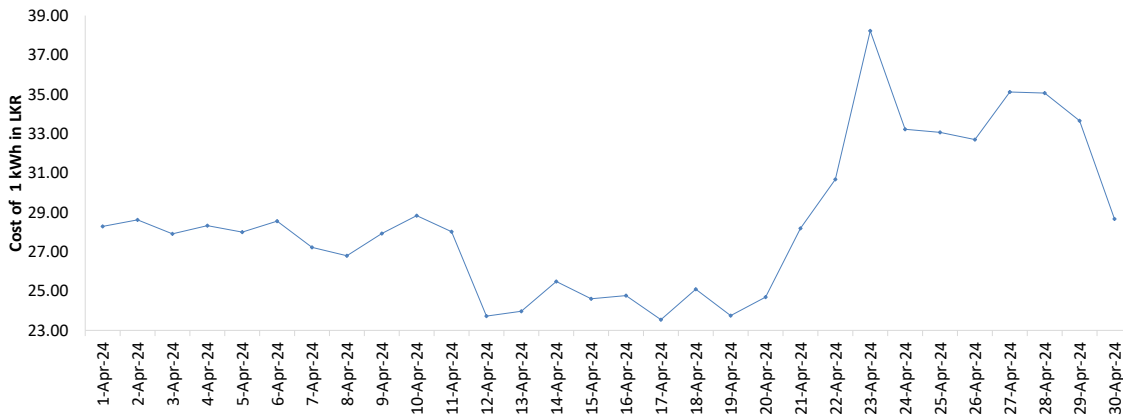
Generation Mix - April 2024

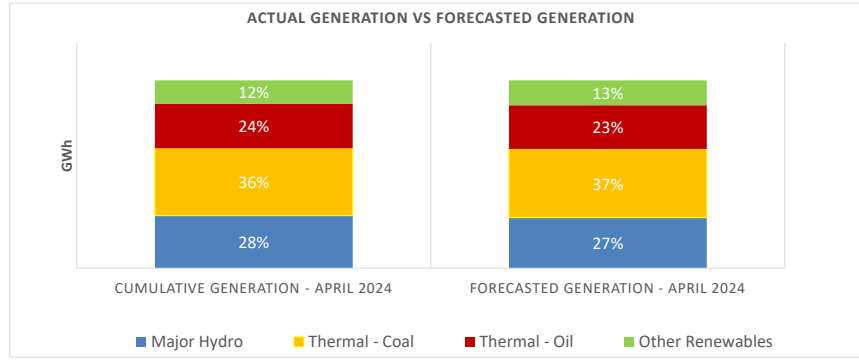


Cost of Generation - April 2024



Per Unit Cost of Generation - April 2024





	Cumulative Generation - April 2024 [GWh]	Forecasted Generation - April 2024 [GWh]
Major Hydro	380	354
Thermal - Coal	487	480
Thermal - Oil	323	307
Other Renewables	168	174
Total	1358	1315

Forecasted Generation - SDDP April 2024

Estimated Cost of Generation - April 2024 (Mn LKR)

Major Hydro	1239.99 Mn LKR
Thermal - Coal	12342.32 Mn LKR
Thermal - Furnace Oil	10774.47 Mn LKR
Thermal - Diesel	6029.49 Mn LKR
Thermal - Naphtha	4737.06 Mn LKR
Wind - CEB	640.40 Mn LKR
Wind - IPP	115.44 Mn LKR
Solar - IPP - Ground Mounted	435.57 Mn LKR
Solar - Roof Top	1534.67 Mn LKR
Mini Hydro	793.48 Mn LKR
Municipal Solid Waste	399.54 Mn LKR
Total Generation Cost (Apr)	39,042.44 Mn LKR

Generation Energy Cost (Apr)	32,713.61 Mn LKR
Generation Capacity Cost (Apr)	4,892.68 Mn LKR
Other Cost (Apr)	1,436.14 Mn LKR

Average Unit Cost of Generation (Apr) 28.76 LKR/kWh