



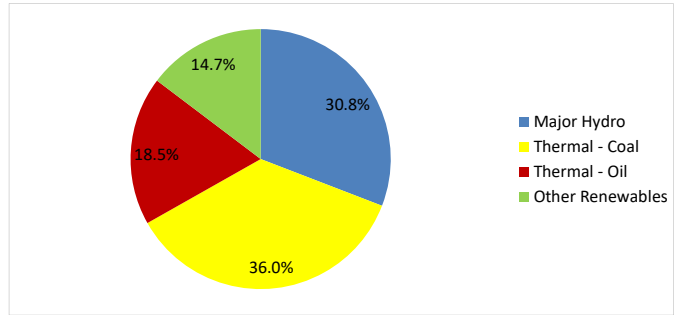
Daily Electricity Generation & Cost Estimation Report

16th April 2024



Daily Generation Mix - 16th April 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	11.50	30.8%
Thermal - Coal	13.44	36.0%
Thermal - Furnace Oil	6.89	18.5%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	0.00	0.0%
Wind - CEB	0.22	0.6%
Wind - IPP	0.20	0.5%
Solar - IPP - Ground Mounted	0.77	2.1%
Solar - Roof Top	2.08	5.6%
Mini Hydro	1.74	4.7%
Municipal Solid Waste	0.47	1.3%
Total	37.32	



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

Estimated Generation Cost : 16th 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	3.59	3.59
Thermal - Coal	282.4	28.4	37.9	348.7	21.01	2.11	2.82	25.95
Thermal - Furnace Oil	317.0	15.2	51.7	383.9	46.01	2.20	7.50	55.72
Thermal - Diesel	0.0	2.3	7.9	10.2	0.00	0.00	0.00	0.00
Thermal - Naphtha	0.0	2.0	2.9	4.9	0.00	0.00	0.00	0.00
Wind - CEB	0.0	0.0	21.3	21.3	0.00	0.00	97.03	97.03
Wind - IPP	2.8	0.0	0.0	2.8	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	24.9	0.0	0.0	24.9	14.27	0.00	0.00	14.27
Municipal Solid Waste	16.4	0.0	0.0	16.4	35.02	0.00	0.00	35.02
Total	709.8	47.9	163.1	920.8	19.02	1.28	4.37	24.67

Note -

Start/Stop costs has been excluded in the calculation

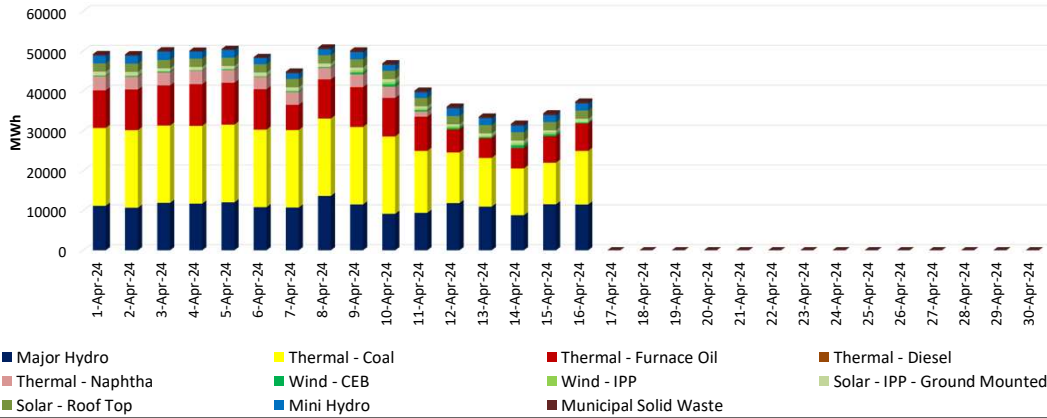
Unit Cost of Generation for the day : **24.67** LKR/kWh
 Total Generation Cost for the day: **920.76** Mn LKR

Fuel Prices

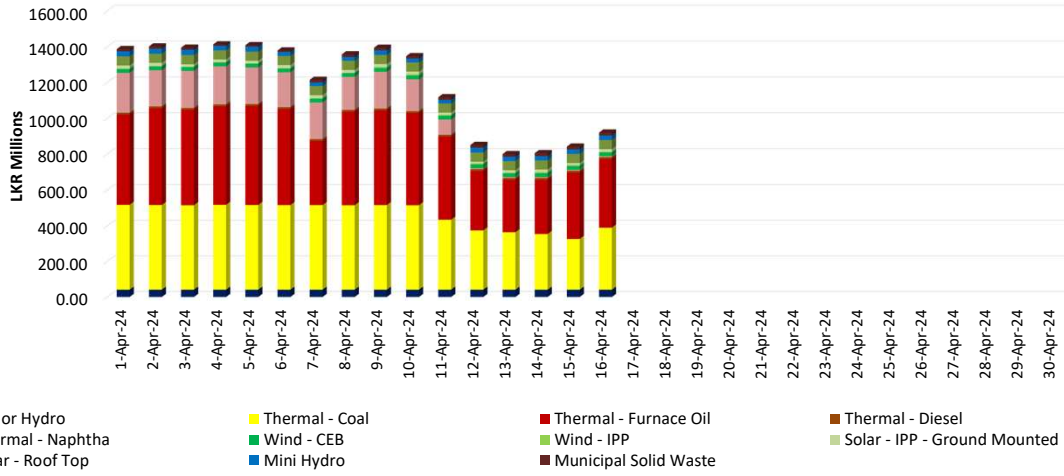
(as at 9th April 2024)

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

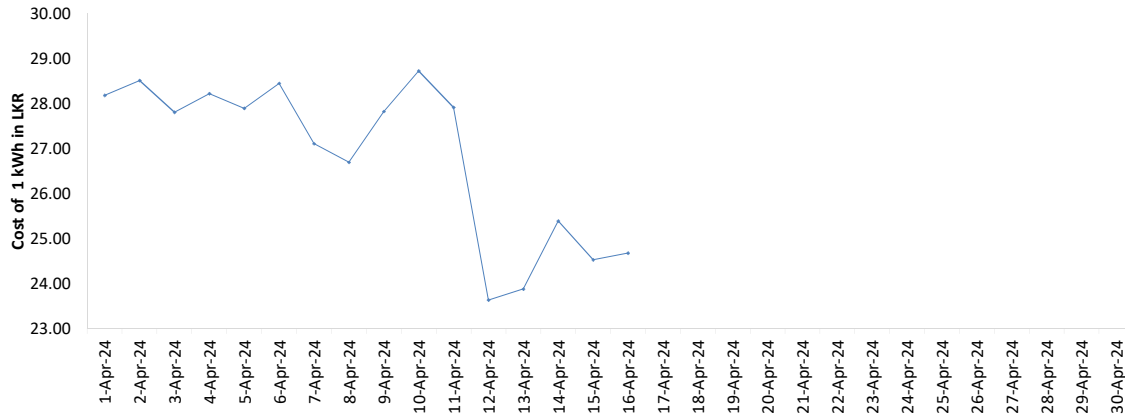
Generation Mix - April 2024

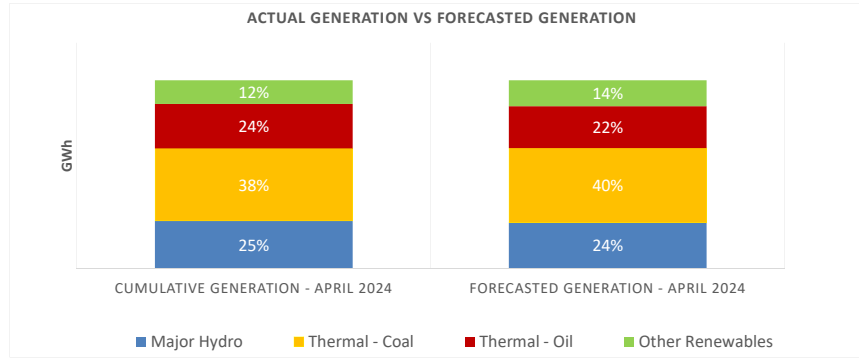


Cost of Generation - April 2024



Per Unit Cost of Generation - April 2024





	Cumulative Generation - April 2024 [GWh]	Forecasted Generation - April 2024 [GWh]
Major Hydro	178	310
Thermal - Coal	271	507
Thermal - Oil	167	284
Other Renewables	88	176
Total	703	1276

Forecasted Generation - SDDP March 2024

Estimated Cost of Generation - April 2024 (Mn LKR)

Major Hydro	661.33 Mn LKR
Thermal - Coal	6745.37 Mn LKR
Thermal - Furnace Oil	7290.56 Mn LKR
Thermal - Diesel	163.27 Mn LKR
Thermal - Naphtha	2121.21 Mn LKR
Wind - CEB	341.55 Mn LKR
Wind - IPP	64.60 Mn LKR
Solar - IPP - Ground Mounted	229.24 Mn LKR
Solar - Roof Top	818.49 Mn LKR
Mini Hydro	392.78 Mn LKR
Municipal Solid Waste	210.63 Mn LKR
Total Generation Cost (Apr)	19,039.04 Mn LKR

Generation Energy Cost (Apr)	15,663.66 Mn LKR
Generation Capacity Cost (Apr)	2,609.43 Mn LKR
Other Cost (Apr)	765.94 Mn LKR

Average Unit Cost of Generation (Apr) 27.07 LKR/kWh