



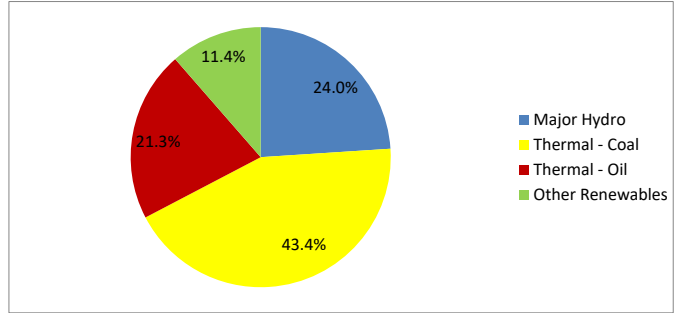
Daily Electricity Generation & Cost Estimation Report

7th April 2024



Daily Generation Mix - 7th April 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	10.74	24.0%
Thermal - Coal	19.44	43.4%
Thermal - Furnace Oil	6.32	14.1%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	3.21	7.1%
Wind - CEB	0.17	0.4%
Wind - IPP	0.20	0.4%
Solar - IPP - Ground Mounted	0.83	1.9%
Solar - Roof Top	2.08	4.6%
Mini Hydro	1.43	3.2%
Municipal Solid Waste	0.40	0.9%
Total	44.83	



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

Estimated Generation Cost : 7th 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	3.72	3.72
Thermal - Coal	408.5	27.5	36.7	472.6	21.01	1.41	1.89	24.31
Thermal - Furnace Oil	287.0	14.7	50.0	351.8	45.40	2.32	7.92	55.63
Thermal - Diesel	0.0	2.3	7.6	9.9	0.00	0.00	0.00	0.00
Thermal - Naphtha	168.2	1.9	2.8	172.9	52.47	0.60	0.87	53.95
Wind - CEB	0.0	0.0	20.7	20.7	0.00	0.00	122.24	122.24
Wind - IPP	2.7	0.0	0.0	2.7	13.75	0.00	0.00	13.75
Solar - IPP - Ground Mounted	16.4	0.0	0.0	16.4	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	20.4	0.0	0.0	20.4	14.27	0.00	0.00	14.27
Municipal Solid Waste	14.1	0.0	0.0	14.1	35.02	0.00	0.00	35.02
Total	968.6	46.3	157.8	1172.7	21.61	1.03	3.52	26.16

Note -

Start/Stop costs has been excluded in the calculation

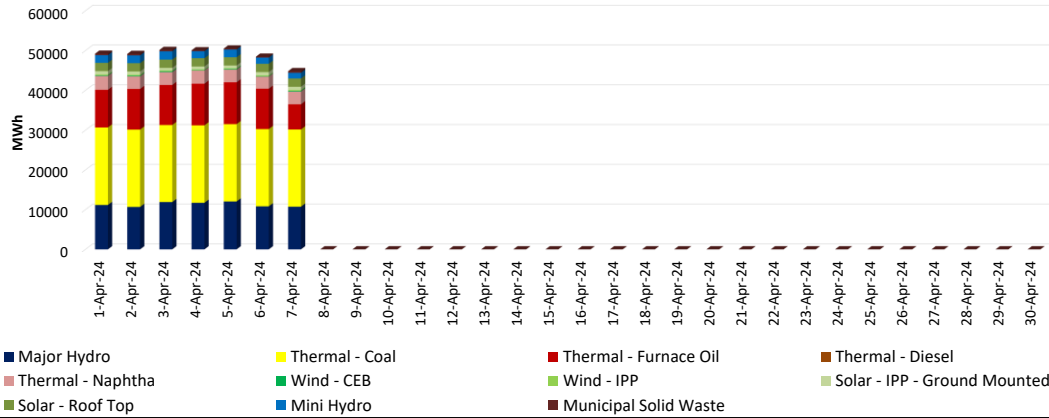
Unit Cost of Generation for the day : **26.16** LKR/kWh
 Total Generation Cost for the day: **1172.74** Mn LKR

Fuel Prices

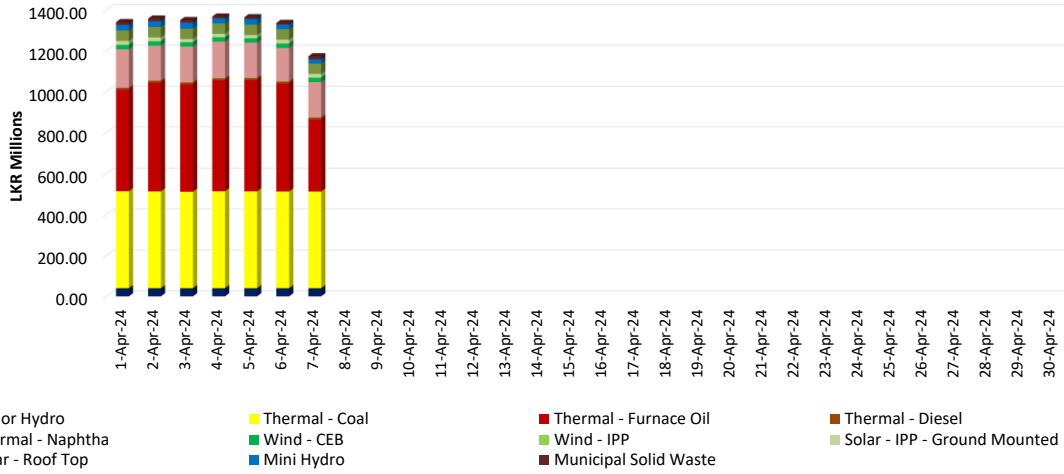
(as at 25th March 2024)

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

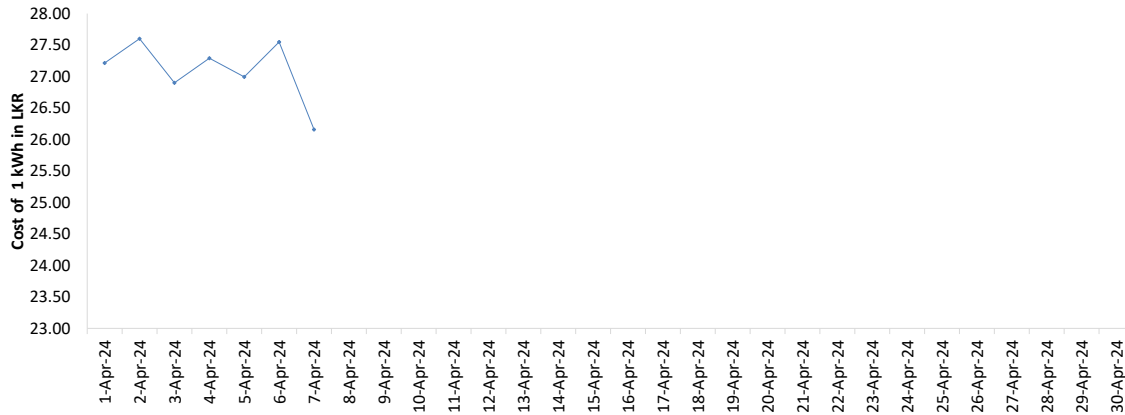
Generation Mix - April 2024

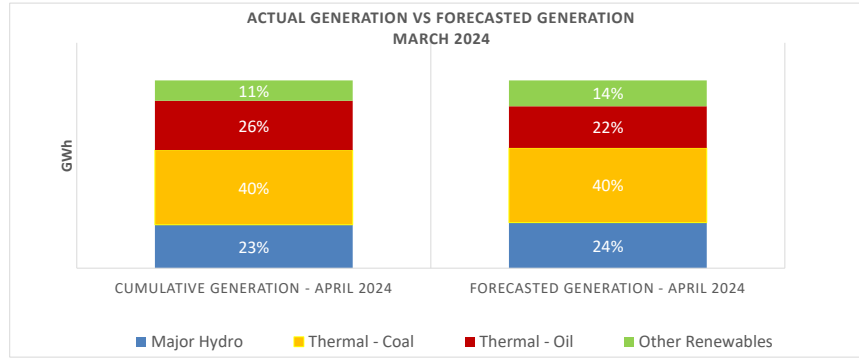


Cost of Generation - April 2024



Per Unit Cost of Generation - April 2024





	Cumulative Generation - April 2024 [GWh]	Forecasted Generation - April 2024 [GWh]
Major Hydro	79	310
Thermal - Coal	136	507
Thermal - Oil	90	284
Other Renewables	37	176
Total	342	1276

Forecasted Generation - SDDP March 2024

Estimated Cost of Generation - April 2024 (Mn LKR)

Major Hydro	280.00 Mn LKR
Thermal - Coal	3311.59 Mn LKR
Thermal - Furnace Oil	3514.89 Mn LKR
Thermal - Diesel	69.13 Mn LKR
Thermal - Naphtha	1222.75 Mn LKR
Wind - CEB	144.61 Mn LKR
Wind - IPP	17.49 Mn LKR
Solar - IPP - Ground Mounted	109.92 Mn LKR
Solar - Roof Top	358.09 Mn LKR
Mini Hydro	180.65 Mn LKR
Municipal Solid Waste	74.81 Mn LKR
Total Generation Cost (Apr)	9,283.93 Mn LKR

Generation Energy Cost (Apr)	7,854.84 Mn LKR
Generation Capacity Cost (Apr)	1,104.80 Mn LKR
Other Cost (Apr)	324.29 Mn LKR

Average Unit Cost of Generation (Apr) 27.11 LKR/kWh