



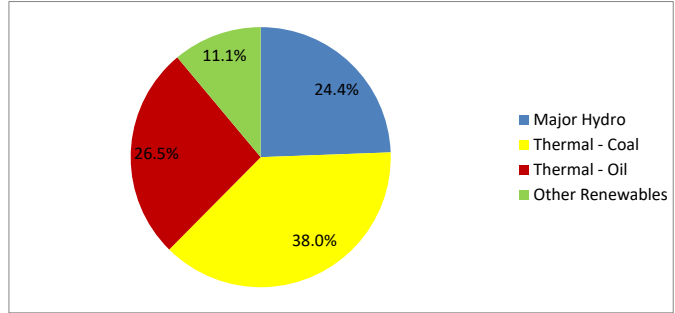
Daily Electricity Generation & Cost Estimation Report

08th May 2024



Daily Generation Mix - 08th May 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	12.49	24.4%
Thermal - Coal	19.45	38.0%
Thermal - Furnace Oil	3.50	6.8%
Thermal - Diesel	6.50	12.7%
Thermal - Naphtha	3.56	7.0%
Wind - CEB	0.24	0.5%
Wind - IPP	0.17	0.3%
Solar - IPP - Ground Mounted	0.62	1.2%
Solar - Roof Top	2.13	4.2%
Mini Hydro	2.13	4.2%
Municipal Solid Waste	0.39	0.8%
Total	51.18	



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

Estimated Generation Cost : 08th May 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	3.20	3.20
Thermal - Coal	401.8	27.5	36.7	466.0	20.65	1.41	1.89	23.95
Thermal - Furnace Oil	142.4	14.7	50.2	207.3	40.74	4.20	14.37	59.30
Thermal - Diesel	589.7	2.3	9.1	601.1	90.70	0.35	1.39	92.44
Thermal - Naphtha	215.3	1.9	2.8	220.0	60.42	0.54	0.79	61.75
Wind - CEB	0.0	0.0	20.7	20.7	0.00	0.00	86.08	86.08
Wind - IPP	2.3	0.0	0.0	2.3	13.75	0.00	0.00	13.75
Solar - IPP - Ground Mounted	12.2	0.0	0.0	12.2	19.67	0.00	0.00	19.67
Solar - Roof Top	52.4	0.0	0.0	52.4	24.59	0.00	0.00	24.59
Mini Hydro	30.3	0.0	0.0	30.3	14.27	0.00	0.00	14.27
Municipal Solid Waste	13.5	0.0	0.0	13.5	35.02	0.00	0.00	35.02
Total	1460.0	46.3	159.5	1665.8	28.53	0.91	3.12	32.55

Note -

Start/Stop costs has been excluded in the calculation

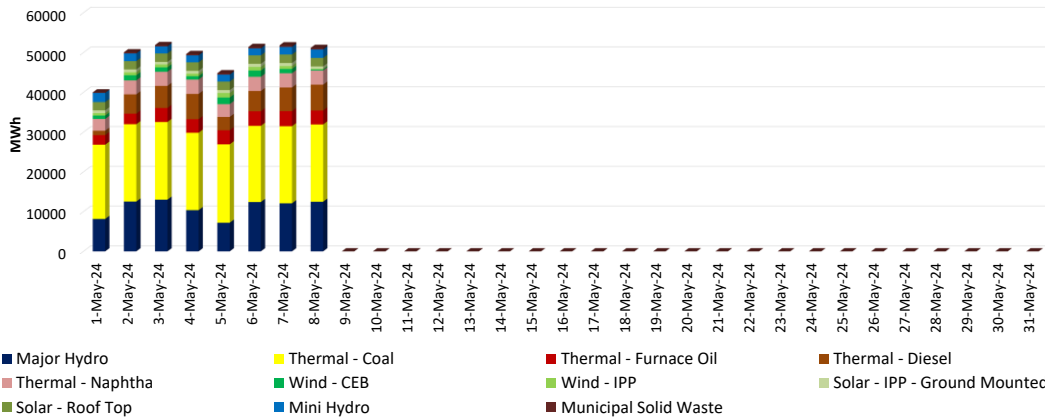
Unit Cost of Generation for the day : **32.55** LKR/kWh
 Total Generation Cost for the day: **1665.76** Mn LKR

Fuel Prices

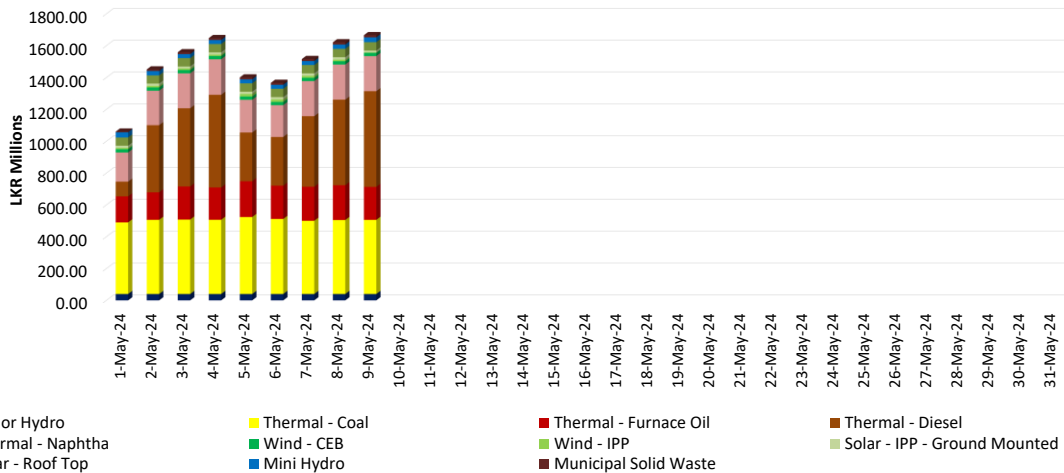
(as at 06th May 2024)

	Price (LKR/Liter or LKR/kg)
Furnace	182.00
Coal	50.31
Naphtha	224.20
Auto Diesel	333.00

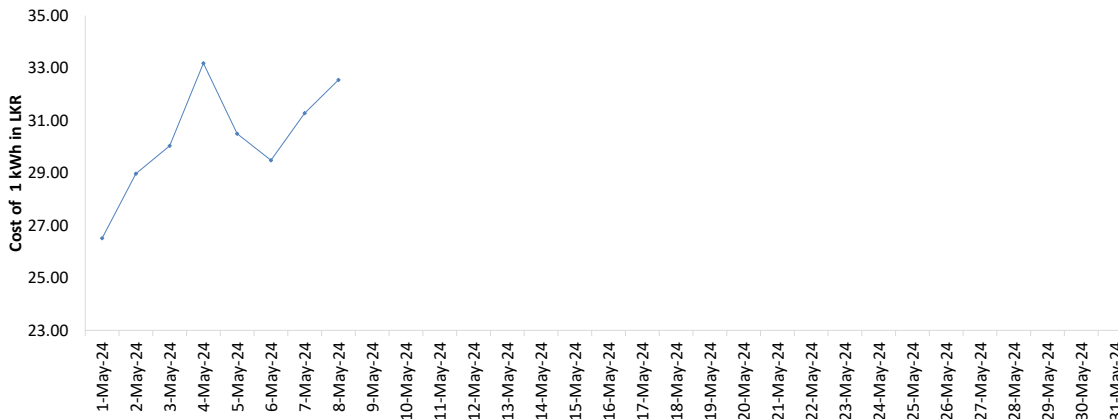
Generation Mix - May 2024

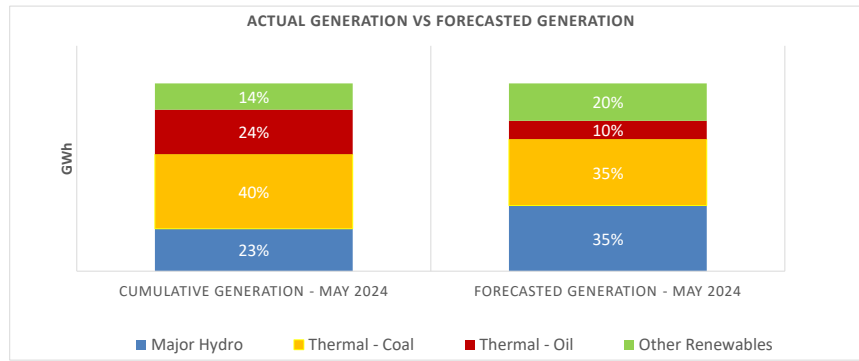


Cost of Generation - May 2024



Per Unit Cost of Generation - May 2024





	Cumulative Generation - May 2024 [GWh]	Forecasted Generation - May 2024 [GWh]
Major Hydro	88	482
Thermal - Coal	155	486
Thermal - Oil	93	136
Other Renewables	55	274
Total	391	1378

Forecasted Generation - SDDP Jan 2024

Estimated Cost of Generation - May 2024 (Mn LKR)

Major Hydro	360.00 Mn LKR
Thermal - Coal	4197.90 Mn LKR
Thermal - Furnace Oil	1821.60 Mn LKR
Thermal - Diesel	3781.60 Mn LKR
Thermal - Naphtha	1907.12 Mn LKR
Wind - CEB	185.92 Mn LKR
Wind - IPP	92.67 Mn LKR
Solar - IPP - Ground Mounted	127.41 Mn LKR
Solar - Roof Top	469.01 Mn LKR
Mini Hydro	243.14 Mn LKR
Municipal Solid Waste	100.27 Mn LKR
Total Generation Cost (May)	13,286.64 Mn LKR

Generation Energy Cost (May)	10,239.94 Mn LKR
Generation Capacity Cost (May)	1,275.63 Mn LKR
Other Cost (May)	370.62 Mn LKR

Average Unit Cost of Generation (May) 34.00 LKR/kWh