



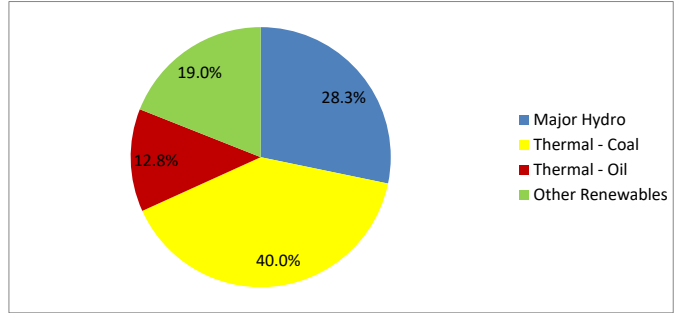
Daily Electricity Generation & Cost Estimation Report

20th May 2024



Daily Generation Mix - 20th May 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	12.27	28.3%
Thermal - Coal	17.36	40.0%
Thermal - Furnace Oil	2.64	6.1%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	2.91	6.7%
Wind - CEB	0.35	0.8%
Wind - IPP	0.73	1.7%
Solar - IPP - Ground Mounted	0.51	1.2%
Solar - Roof Top	2.13	4.9%
Mini Hydro	4.08	9.4%
Municipal Solid Waste	0.46	1.1%
Total	43.42	



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

Estimated Generation Cost : 20th 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	3.26	3.26
Thermal - Coal	358.5	27.5	36.7	422.7	20.65	1.58	2.12	24.35
Thermal - Furnace Oil	88.8	14.7	50.2	153.7	33.65	5.57	19.03	58.24
Thermal - Diesel	0.0	2.3	9.1	11.3	0.00	0.00	0.00	0.00
Thermal - Naphtha	155.0	1.9	2.8	159.7	53.25	0.66	0.96	54.88
Wind - CEB	0.0	0.0	20.7	20.7	0.00	0.00	59.53	59.53
Wind - IPP	10.2	0.0	0.0	10.2	14.05	0.00	0.00	14.05
Solar - IPP - Ground Mounted	9.9	0.0	0.0	9.9	19.56	0.00	0.00	19.56
Solar - Roof Top	53.1	0.0	0.0	53.1	24.92	0.00	0.00	24.92
Mini Hydro	57.6	0.0	0.0	57.6	14.12	0.00	0.00	14.12
Municipal Solid Waste	14.2	0.0	0.0	14.2	30.76	0.00	0.00	30.76
Total	747.2	46.3	159.5	953.0	17.21	1.07	3.67	21.95

Note -

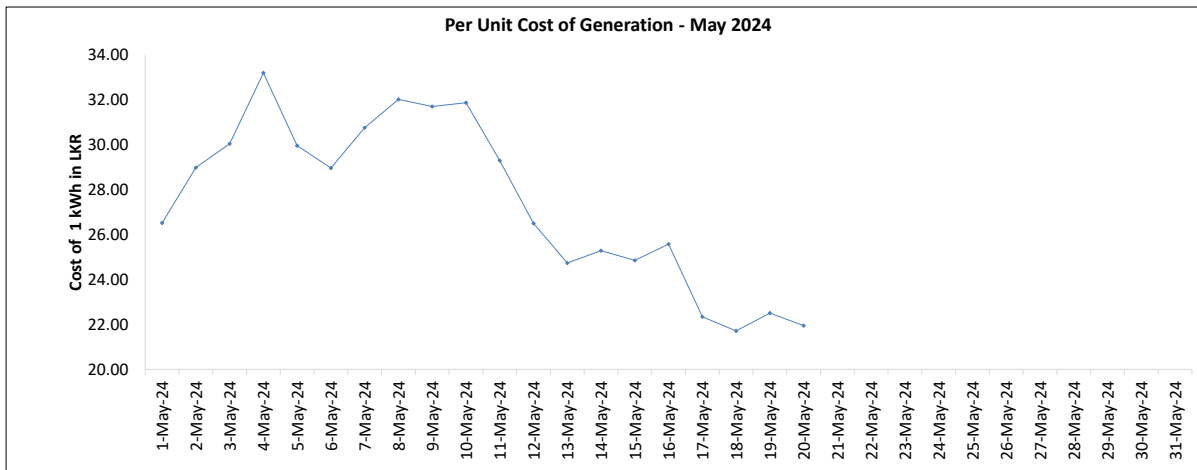
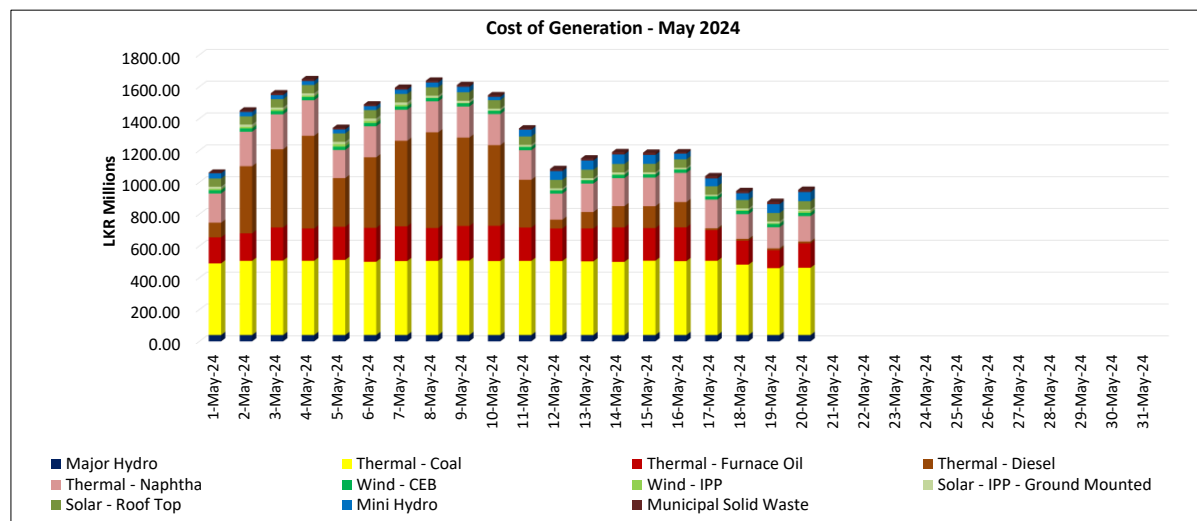
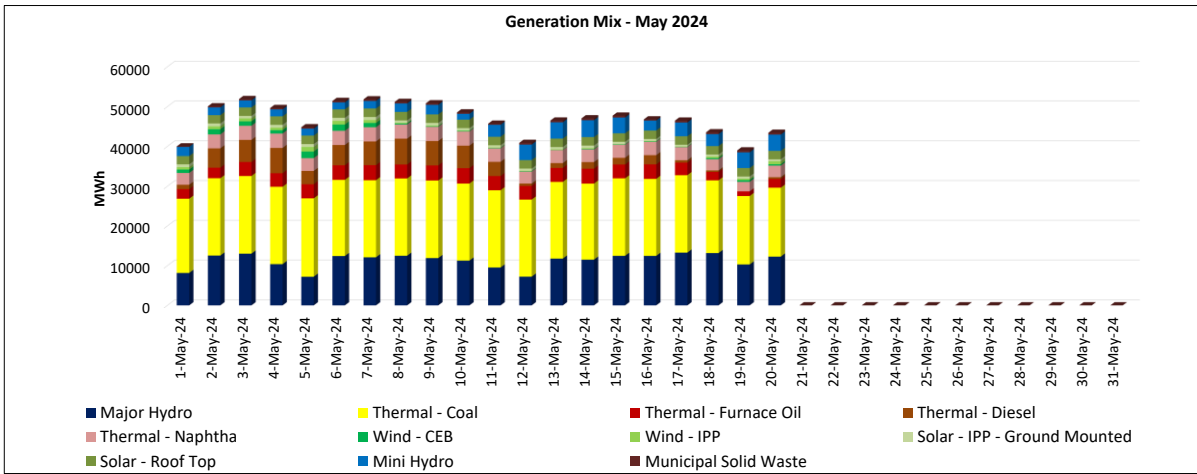
Start/Stop costs has been excluded in the calculation

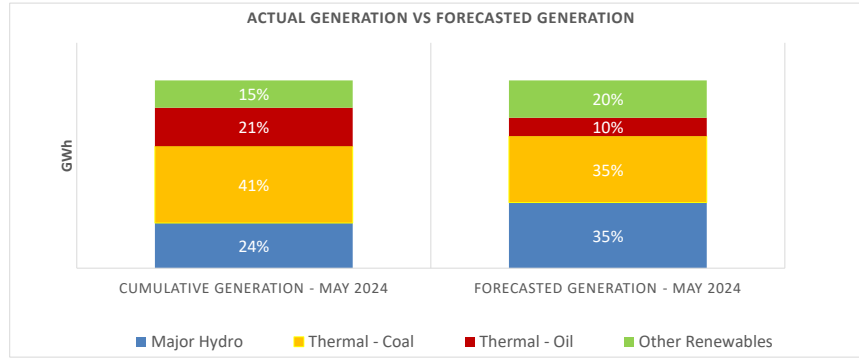
Unit Cost of Generation for the day : **21.95** LKR/kWh
 Total Generation Cost for the day: **953.02** Mn LKR

Fuel Prices

(as at 15th May 2024)

	Price (LKR/Liter or LKR/kg)
Furnace	181.00
Coal	50.31
Naphtha	197.60
Auto Diesel	333.00





	Cumulative Generation - May 2024 [GWh]	Forecasted Generation - May 2024 [GWh]
Major Hydro	225	482
Thermal - Coal	383	486
Thermal - Oil	193	136
Other Renewables	137	274
Total	937	1378

Forecasted Generation - SDDP Jan 2024

Estimated Cost of Generation - May 2024 (Mn LKR)

Major Hydro	800.00 Mn LKR
Thermal - Coal	9183.82 Mn LKR
Thermal - Furnace Oil	3896.72 Mn LKR
Thermal - Diesel	5472.96 Mn LKR
Thermal - Naphtha	3686.48 Mn LKR
Wind - CEB	413.16 Mn LKR
Wind - IPP	112.05 Mn LKR
Solar - IPP - Ground Mounted	247.36 Mn LKR
Solar - Roof Top	1056.28 Mn LKR
Mini Hydro	782.33 Mn LKR
Municipal Solid Waste	233.58 Mn LKR
Total Generation Cost (May)	25,884.74 Mn LKR

Generation Energy Cost (May)	21,769.12 Mn LKR
Generation Capacity Cost (May)	3,189.08 Mn LKR
Other Cost (May)	926.54 Mn LKR

Average Unit Cost of Generation (May) 27.62 LKR/kWh