



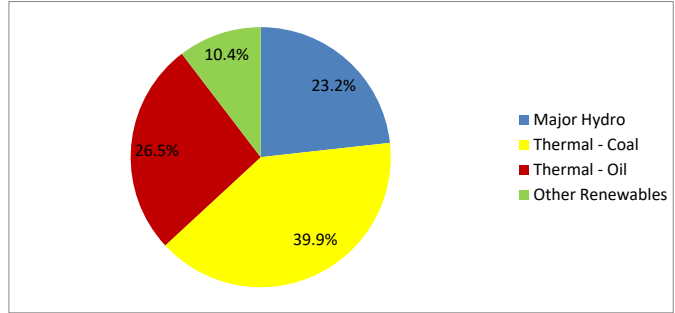
Daily Electricity Generation & Cost Estimation Report

18th March 2024



Daily Generation Mix - 18th March 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	11.38	23.2%
Thermal - Coal	19.53	39.9%
Thermal - Furnace Oil	9.41	19.2%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	3.56	7.3%
Wind - CEB	0.43	0.9%
Wind - IPP	0.49	1.0%
Solar - IPP - Ground Mounted	0.94	1.9%
Solar - Roof Top	1.67	3.4%
Mini Hydro	1.20	2.4%
Municipal Solid Waste	0.35	0.7%
Total	48.95	



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

Estimated Generation Cost : 18th March 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	3.52	3.52
Thermal - Coal	401.5	27.5	36.7	465.7	20.56	1.41	1.88	23.85
Thermal - Furnace Oil	428.2	14.7	51.3	494.2	45.53	1.56	5.45	52.54
Thermal - Diesel	0.0	2.3	7.6	9.9	0.00	0.00	0.00	0.00
Thermal - Naphtha	187.0	1.9	2.8	191.7	52.47	0.54	0.79	53.80
Wind - CEB	0.0	0.0	20.7	20.7	0.00	0.00	47.93	47.93
Wind - IPP	6.8	0.0	0.0	6.8	13.75	0.00	0.00	13.75
Solar - IPP - Ground Mounted	18.5	0.0	0.0	18.5	19.67	0.00	0.00	19.67
Solar - Roof Top	41.1	0.0	0.0	41.1	24.59	0.00	0.00	24.59
Mini Hydro	17.1	0.0	0.0	17.1	14.27	0.00	0.00	14.27
Municipal Solid Waste	12.2	0.0	0.0	12.2	35.02	0.00	0.00	35.02
Total	1112.4	46.3	159.1	1317.8	22.72	0.95	3.25	26.92

Note -

Start/Stop costs has been excluded in the calculation

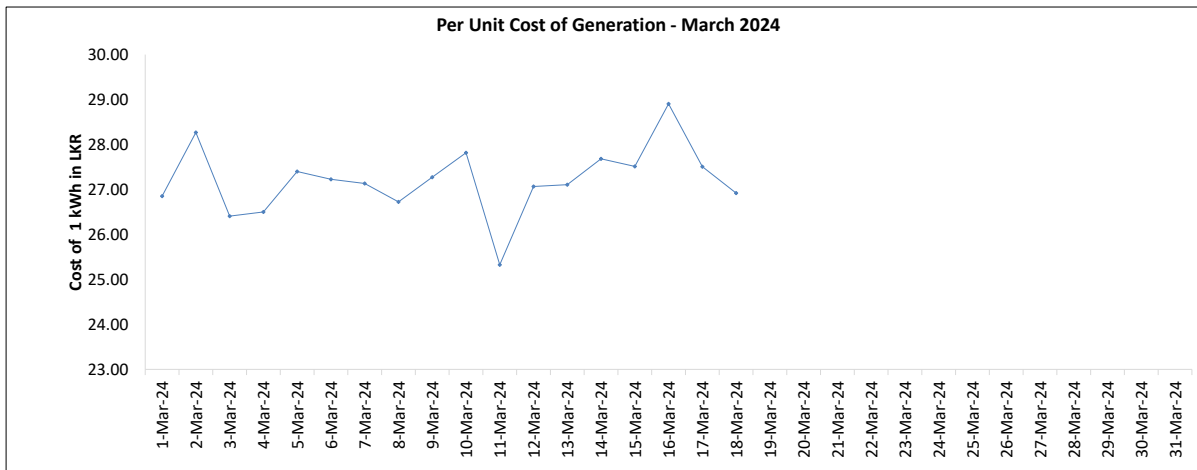
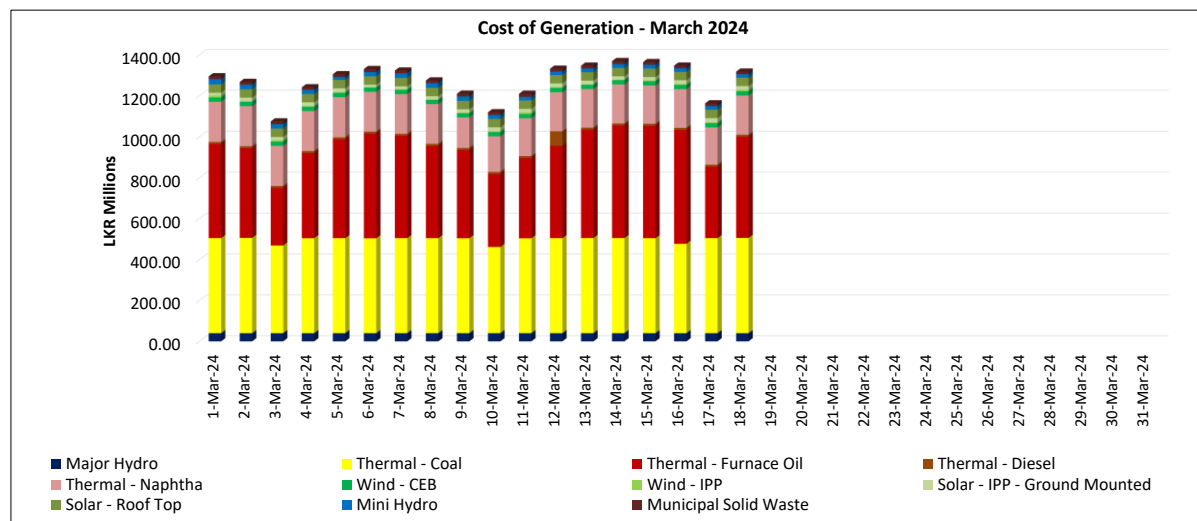
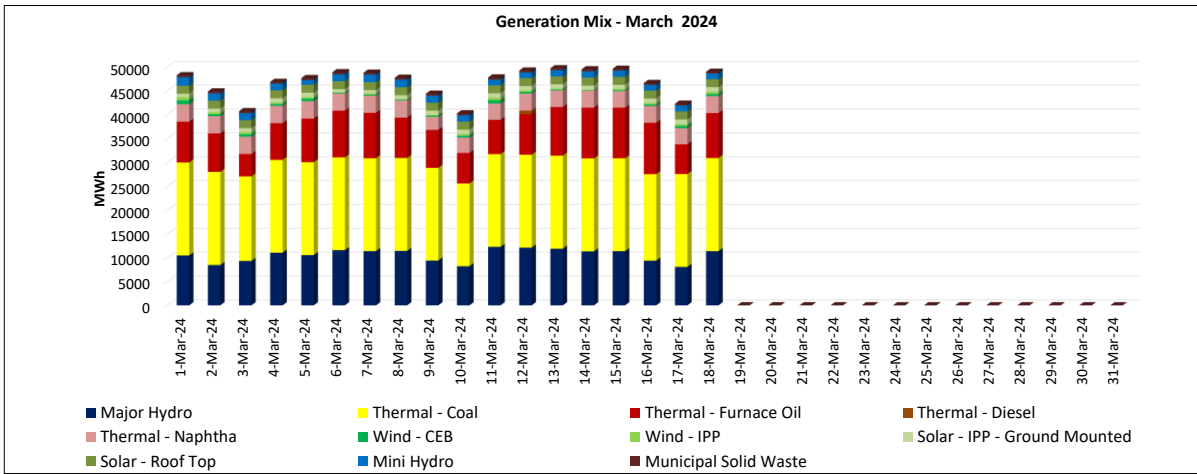
Unit Cost of Generation for the day : **26.92** LKR/kWh
 Total Generation Cost for the day: **1317.77** Mn LKR

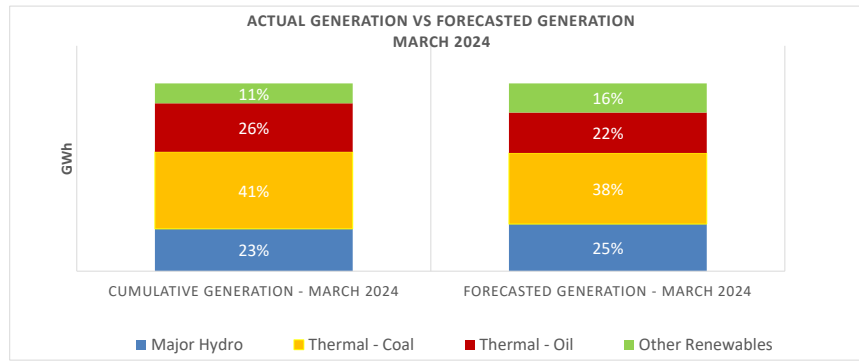
Fuel Prices

(as at 1st March 2024)

	Price (LKR/Liter or LKR/kg)
Furnace	199.00
*Coal	50.09
Naphtha	194.70
Auto Diesel	363.00

* February coal stock price





	Cumulative Generation - March 2024 [GWh]	Forecasted Generation - March 2024 [GWh]
Major Hydro	190	348
Thermal - Coal	345	524
Thermal - Oil	217	298
Other Renewables	89	215
Total	842	1385

Forecasted Generation - SDDP February 2024

Estimated Cost of Generation - March 2024 (Mn LKR)

Major Hydro	720.00 Mn LKR
Thermal - Coal	8259.61 Mn LKR
Thermal - Furnace Oil	8198.00 Mn LKR
Thermal - Diesel	238.92 Mn LKR
Thermal - Naphtha	3388.43 Mn LKR
Wind - CEB	371.85 Mn LKR
Wind - IPP	80.69 Mn LKR
Solar - IPP - Ground Mounted	302.09 Mn LKR
Solar - Roof Top	739.30 Mn LKR
Mini Hydro	352.48 Mn LKR
Municipal Solid Waste	238.82 Mn LKR
Total Generation Cost (Mar)	22,890.17 Mn LKR

Generation Energy Cost (Mar)	19,192.90 Mn LKR
Generation Capacity Cost (Mar)	2,863.38 Mn LKR
Other Cost (Mar)	833.89 Mn LKR

Average Unit Cost of Generation (Mar) 27.20 LKR/kWh