



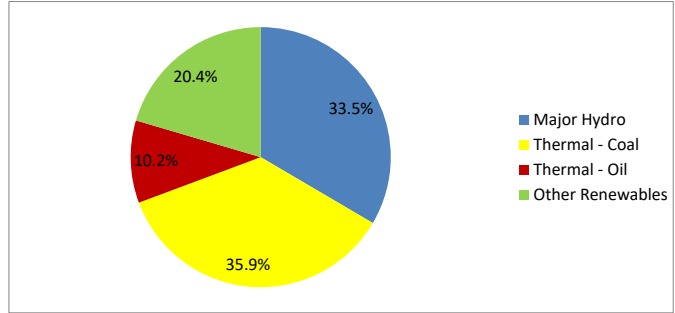
Daily Electricity Generation & Cost Estimation Report

2nd July 2024



Daily Generation Mix - 2nd July 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	16.10	33.5%
Thermal - Coal	17.26	35.9%
Thermal - Furnace Oil	4.59	9.5%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	0.34	0.7%
Wind - CEB	1.50	3.1%
Wind - IPP	1.62	3.4%
Solar - IPP - Ground Mounted	0.79	1.6%
Solar - Roof Top	2.32	4.8%
Mini Hydro	3.25	6.8%
Municipal Solid Waste	0.35	0.7%
Total	48.12	



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

Estimated Generation Cost : 2nd July 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	2.48	2.48
Thermal - Coal	336.3	27.5	36.7	400.5	19.49	1.59	2.13	23.21
Thermal - Furnace Oil	197.3	16.6	11.1	224.9	42.97	3.62	2.41	48.99
Thermal - Diesel	0.0	2.9	7.6	10.5	0.00	0.00	0.00	0.00
Thermal - Naphtha	18.1	1.9	2.8	22.8	53.25	5.65	8.24	67.14
Wind - CEB	0.0	0.0	20.7	20.7	0.00	0.00	13.75	13.75
Wind - IPP	22.7	0.0	0.0	22.7	14.05	0.00	0.00	14.05
Solar - IPP - Ground Mounted	15.5	0.0	0.0	15.5	19.56	0.00	0.00	19.56
Solar - Roof Top	57.8	0.0	0.0	57.8	24.92	0.00	0.00	24.92
Mini Hydro	45.9	0.0	0.0	45.9	14.12	0.00	0.00	14.12
Municipal Solid Waste	10.9	0.0	0.0	10.9	30.76	0.00	0.00	30.76
Total	704.5	48.9	118.8	872.2	14.64	1.02	2.47	18.12

Note -

Start/Stop costs has been excluded in the calculation

Sobadhanvi plant is currently in the testing stage; hence, generation cost has not been considered.

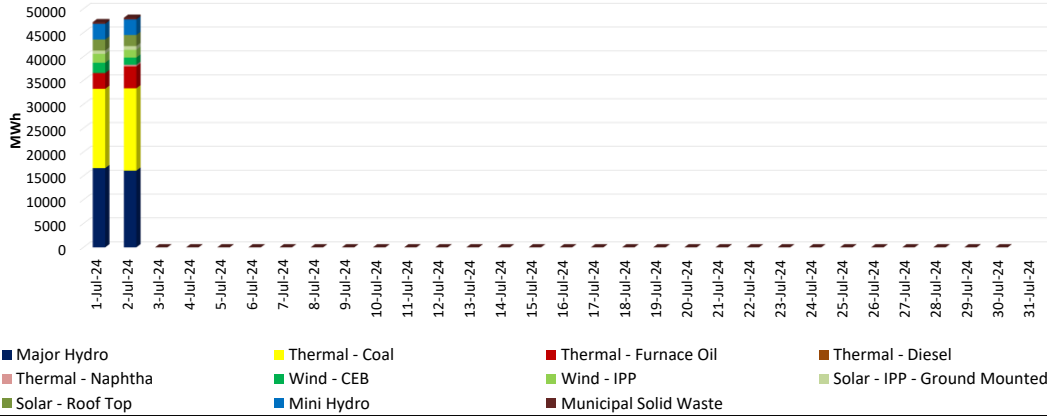
Unit Cost of Generation for the day : **18.12** LKR/kWh
 Total Generation Cost for the day: **872.21** Mn LKR

Fuel Prices

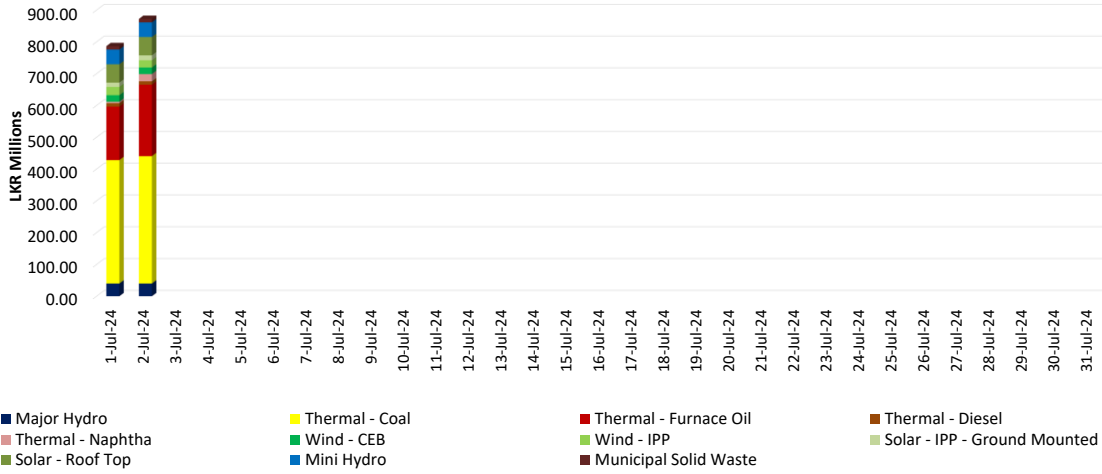
(as at 1st June 2024)

	Price (LKR/Liter or LKR/kg)
Furnace	181.00
Coal	47.47
Naphtha	197.60
Auto Diesel	317.00

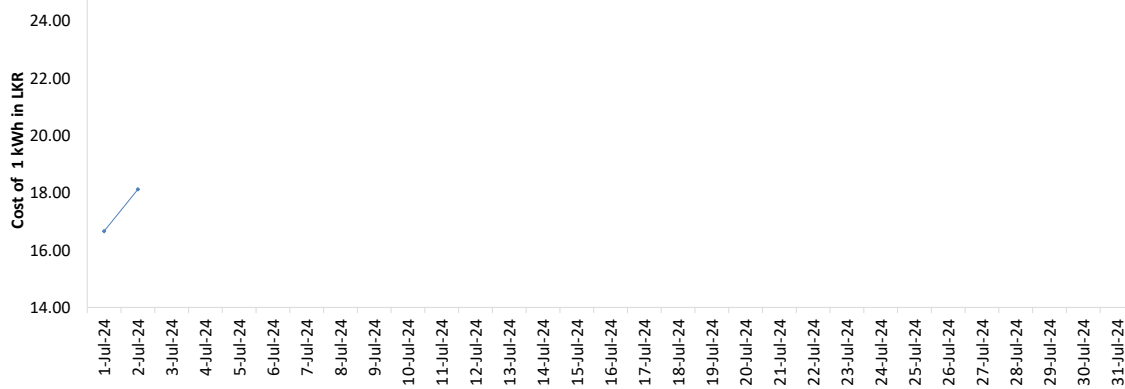
Generation Mix - July 2024

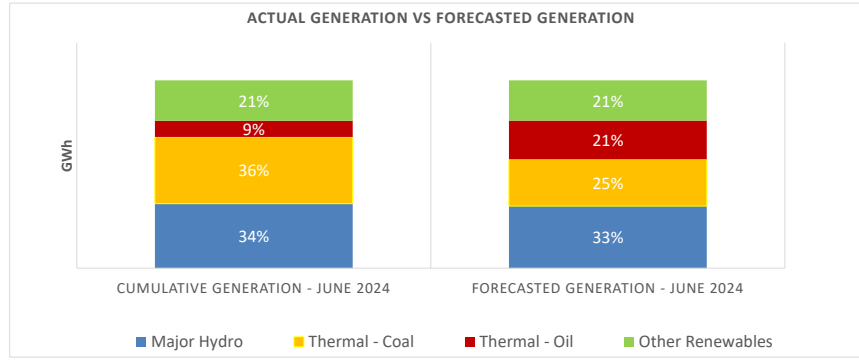


Cost of Generation - July 2024



Per Unit Cost of Generation - July 2024





	Cumulative Generation - Jul 2024 [GWh]	Forecasted Generation - Jul 2024 [GWh]
Major Hydro	33	463
Thermal - Coal	34	350
Thermal - Oil	8	288
Other Renewables	20	300
Total	95	1402

Forecasted Generation - SDDP Jan 2024

Estimated Cost of Generation - Jul 2024 (Mn LKR)

Major Hydro	80.00 Mn LKR
Thermal - Coal	788.50 Mn LKR
Thermal - Furnace Oil	393.20 Mn LKR
Thermal - Diesel	21.07 Mn LKR
Thermal - Naphtha	27.55 Mn LKR
Wind - CEB	41.32 Mn LKR
Wind - IPP	48.74 Mn LKR
Solar - IPP - Ground Mounted	29.03 Mn LKR
Solar - Roof Top	115.62 Mn LKR
Mini Hydro	92.16 Mn LKR
Municipal Solid Waste	21.44 Mn LKR
Total Generation Cost	1,658.63 Mn LKR

Generation Energy Cost (Jul)	1,323.15 Mn LKR
Generation Capacity Cost (Jul)	237.66 Mn LKR
Other Cost (Jul)	97.81 Mn LKR

Average Unit Cost of Generation (Jul) 17.40 LKR/kWh