



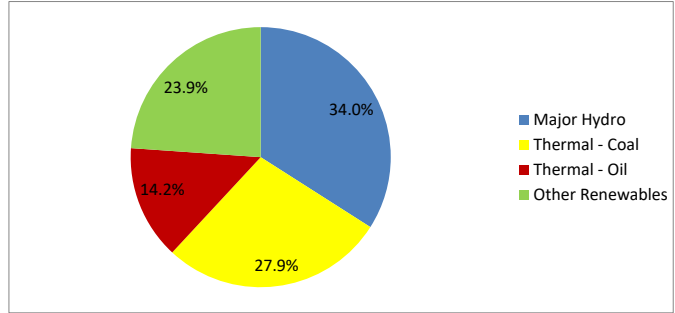
Daily Electricity Generation & Cost Estimation Report

8th July 2024



Daily Generation Mix - 8th June 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	15.32	34.0%
Thermal - Coal	12.55	27.9%
Thermal - Furnace Oil	4.70	10.4%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	1.69	3.7%
Wind - CEB	1.54	3.4%
Wind - IPP	1.66	3.7%
Solar - IPP - Ground Mounted	0.76	1.7%
Solar - Roof Top	2.17	4.8%
Mini Hydro	4.27	9.5%
Municipal Solid Waste	0.35	0.8%
Total	45.00	



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

Estimated Generation Cost : 8th June 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	2.61	2.61
Thermal - Coal	244.5	27.5	36.7	308.6	19.49	2.19	2.93	24.60
Thermal - Furnace Oil	216.0	16.6	11.1	243.7	45.96	3.53	2.35	51.84
Thermal - Diesel	0.0	2.9	7.6	10.5	0.00	0.00	0.00	0.00
Thermal - Naphtha	89.8	1.9	2.8	94.6	53.25	1.14	1.66	56.05
Wind - CEB	0.0	0.0	20.7	20.7	0.00	0.00	13.41	13.41
Wind - IPP	23.3	0.0	0.0	23.3	14.05	0.00	0.00	14.05
Solar - IPP - Ground Mounted	14.9	0.0	0.0	14.9	19.56	0.00	0.00	19.56
Solar - Roof Top	54.1	0.0	0.0	54.1	24.92	0.00	0.00	24.92
Mini Hydro	60.2	0.0	0.0	60.2	14.12	0.00	0.00	14.12
Municipal Solid Waste	10.8	0.0	0.0	10.8	30.76	0.00	0.00	30.76
Total	713.8	48.9	118.8	881.5	15.86	1.09	2.64	19.59

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.

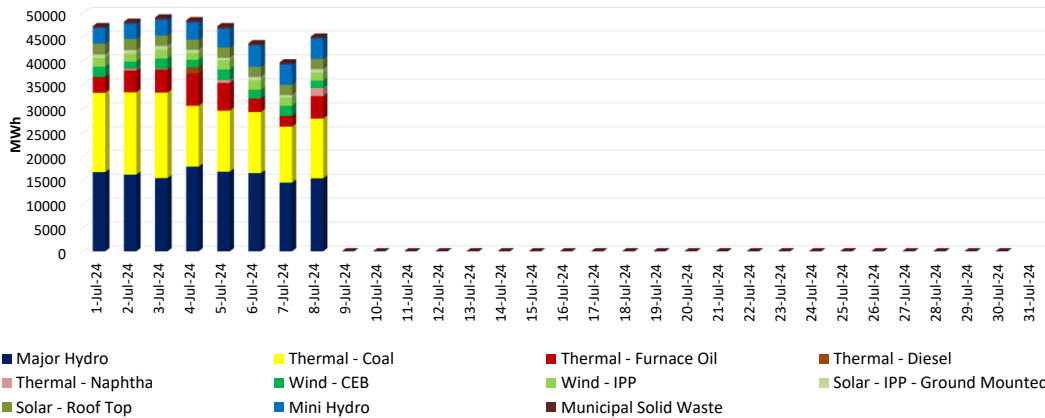
Unit Cost of Generation for the day : **19.59** LKR/kWh
 Total Generation Cost for the day: **881.49** Mn LKR

Fuel Prices

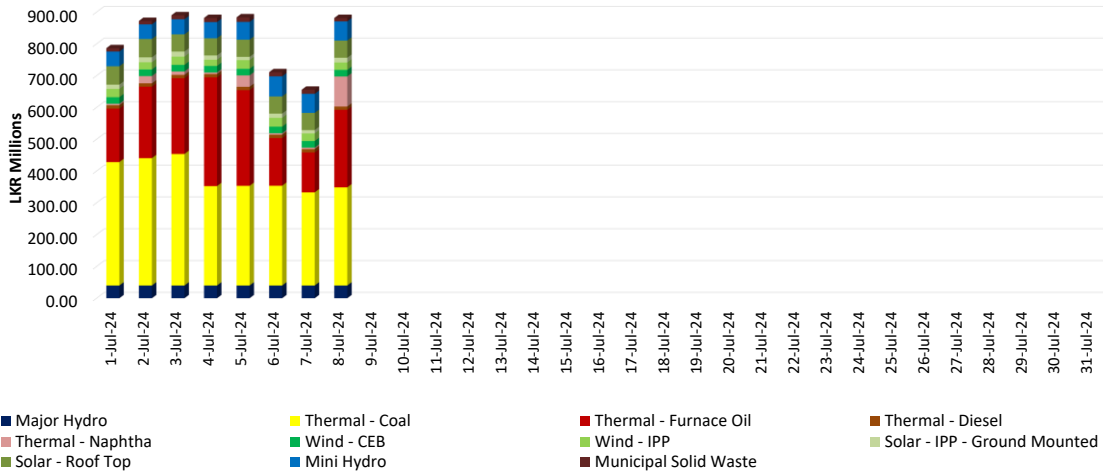
(as at 1st June 2024)

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

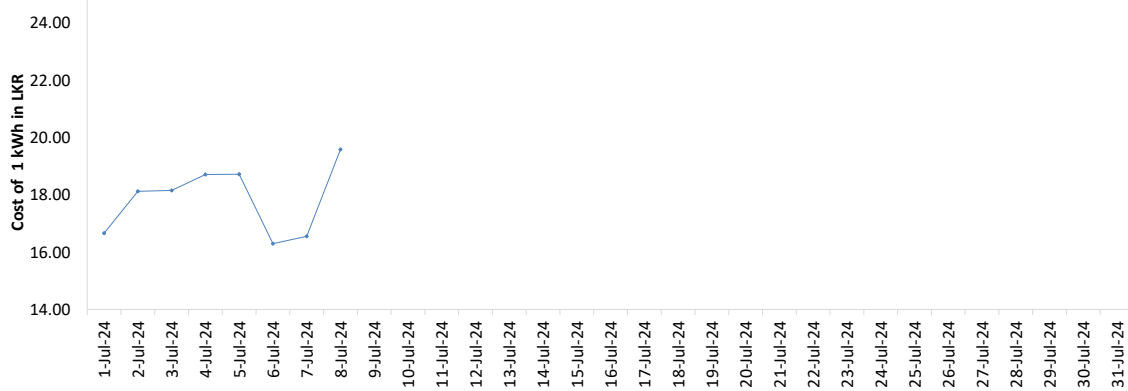
Generation Mix - Jul 2024

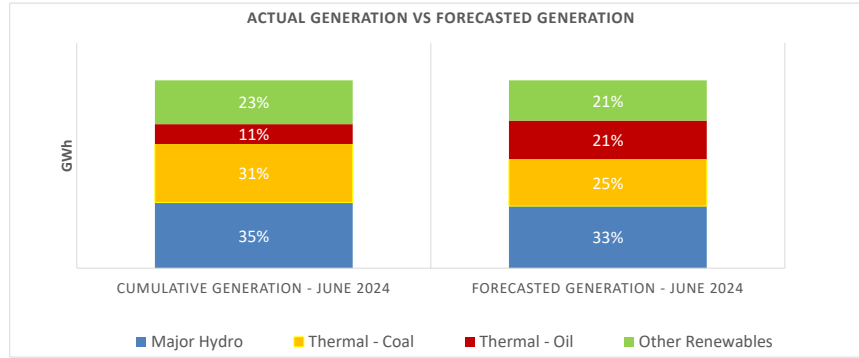


Cost of Generation - Jul 2024



Per Unit Cost of Generation - Jul 2024





	Cumulative Generation - Jul 2024 [GWh]	Forecasted Generation - Jul 2024 [GWh]
Major Hydro	129	463
Thermal - Coal	114	350
Thermal - Oil	39	288
Other Renewables	86	300
Total	368	1401

Forecasted Generation - SDDP Jan 2024

Estimated Cost of Generation - Jul 2024 (Mn LKR)

Major Hydro	320.00 Mn LKR
Thermal - Coal	2743.45 Mn LKR
Thermal - Furnace Oil	1793.83 Mn LKR
Thermal - Diesel	84.29 Mn LKR
Thermal - Naphtha	182.83 Mn LKR
Wind - CEB	165.27 Mn LKR
Wind - IPP	196.22 Mn LKR
Solar - IPP - Ground Mounted	107.97 Mn LKR
Solar - Roof Top	440.05 Mn LKR
Mini Hydro	429.67 Mn LKR
Municipal Solid Waste	98.32 Mn LKR
Total Generation Cost	6,561.89 Mn LKR

Generation Energy Cost (Jul)	4,601.29 Mn LKR
Generation Capacity Cost (Jul)	831.83 Mn LKR
Other Cost (Jul)	342.35 Mn LKR
Average Unit Cost of Generation (Jul)	17.82 LKR/kWh