



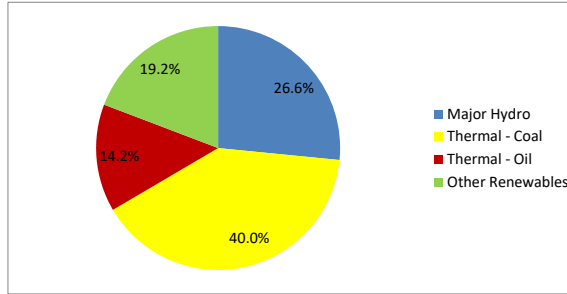
Daily Electricity Generation & Cost Estimation Report

28th August 2024



Daily Generation Mix -28th August 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	12.98	26.6%
Thermal - Coal	19.55	40.0%
Thermal - Furnace Oil	5.37	11.0%
Thermal - Diesel	0.06	0.1%
Thermal - Naphtha	1.54	3.1%
Wind - CEB	2.15	4.4%
Wind - IPP	1.88	3.8%
Solar - IPP - Ground Mounted	0.67	1.4%
Solar - Roof Top	1.92	3.9%
Mini Hydro	2.57	5.2%
Municipal Solid Waste	0.21	0.4%
Total	48.89	



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

Estimated Generation Cost : 28th Aug 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	36.3	36.3	0.00	0.00	2.80	2.80
Thermal - Coal	357.1	27.5	41.8	426.4	18.27	1.40	2.14	21.81
Thermal - Furnace Oil	229.5	9.4	51.2	290.1	42.75	1.75	9.54	54.04
Thermal - Diesel	5.2	1.5	19.8	26.5	88.98	24.61	334.86	448.45
Thermal - Naphtha	81.7	1.9	3.2	86.9	53.25	1.25	2.08	56.58
Wind - CEB	0.0	0.0	20.8	20.8	0.00	0.00	9.69	9.69
Wind - IPP	30.2	0.0	0.0	30.2	16.12	0.00	0.00	16.12
Solar - IPP - Ground Mounted	13.0	0.0	0.0	13.0	19.50	0.00	0.00	19.50
Solar - Roof Top	47.8	0.0	0.0	47.8	24.92	0.00	0.00	24.92
Mini Hydro	37.5	0.0	0.0	37.5	14.61	0.00	0.00	14.61
Municipal Solid Waste	8.3	0.0	0.0	8.3	39.30	0.00	0.00	39.30
Total	810.5	40.2	173.2	1023.9	16.58	0.82	3.54	20.94

Note -

Start/Stop costs has been excluded in the calculation

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

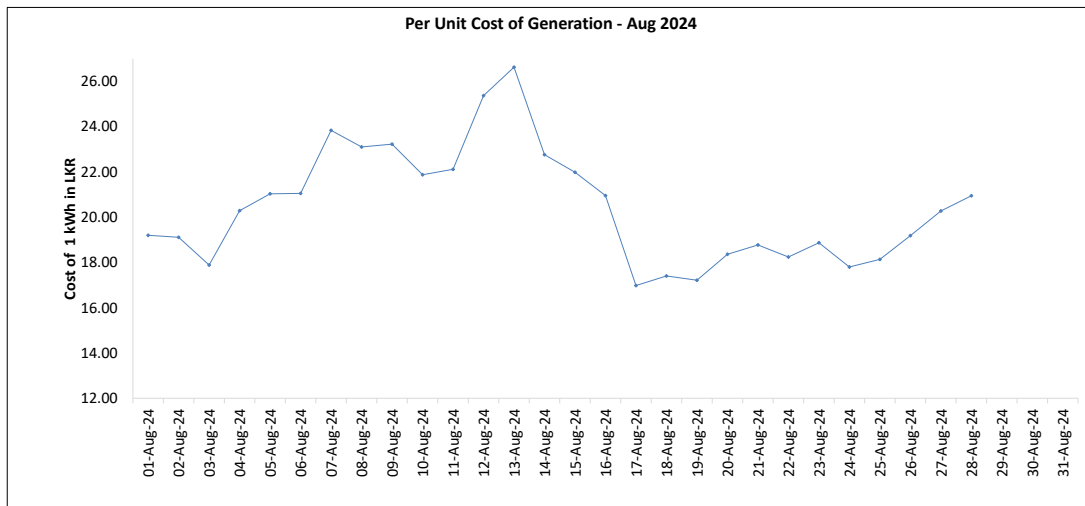
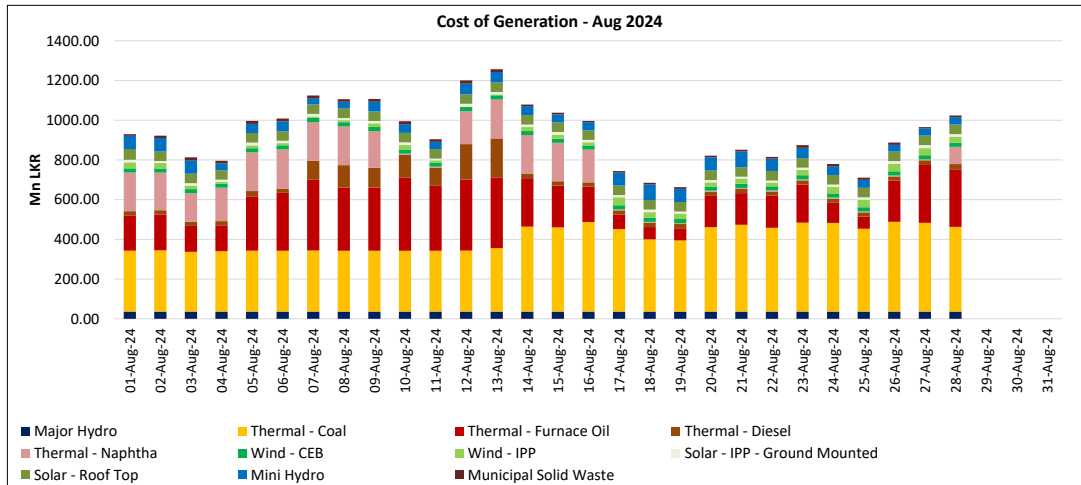
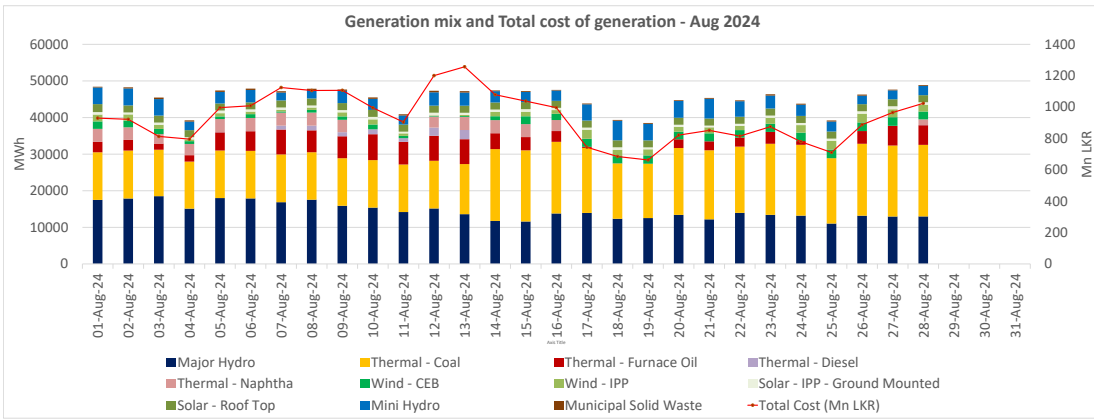
Capacity cost is based on the approved BST submission.

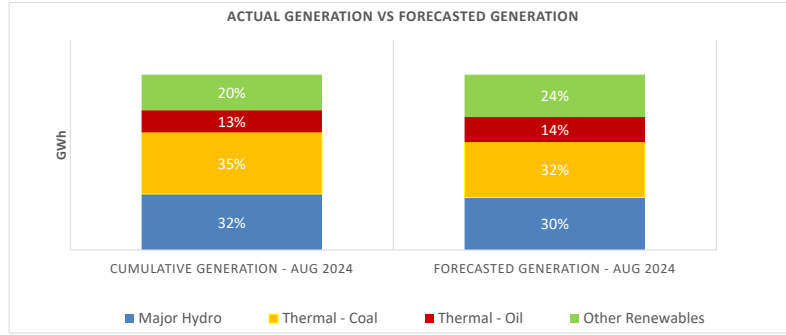
Unit Cost of Generation for the day : 20.94 LKR/kWh
Total Generation Cost for the day: 1023.92 Mn LKR

Fuel Prices

(as at 27th Aug 2024)

	Price (LKR/Liter or LKR/kg)
Furnace	181.00
Coal	44.50
Naphtha	197.60
Auto Diesel	317.00





	Cumulative Generation - Aug 2024 [GWh]	Forecasted Generation - Aug 2024 [GWh]
Major Hydro	406	433
Thermal - Coal	446	456
Thermal - Oil	162	208
Other Renewables	257	350
Total	1271	1447

Forecasted Generation - SDDP Aug 2024

Estimated Cost of Generation - Aug 2024 (Mn LKR)

Major Hydro	1017.18 Mn LKR
Thermal - Coal	10356.39 Mn LKR
Thermal - Furnace Oil	6033.71 Mn LKR
Thermal - Diesel	1349.34 Mn LKR
Thermal - Naphtha	2734.58 Mn LKR
Wind - CEB	583.17 Mn LKR
Wind - IPP	602.79 Mn LKR
Solar - IPP - Ground Mounted	338.93 Mn LKR
Solar - Roof Top	1345.80 Mn LKR
Mini Hydro	1418.88 Mn LKR
Municipal Solid Waste	315.01 Mn LKR
Total Generation Cost	26,095.77 Mn LKR

Generation Energy Cost (Aug) 20,120.98 Mn LKR

*Generation Capacity Cost (Aug) 4,849.17 Mn LKR

Other Cost (Aug) 1,125.63 Mn LKR

Average Unit Cost of Generation (Aug) 20.53 LKR/kWh

Note -

* Capacity cost is based on the approved BST submission.