



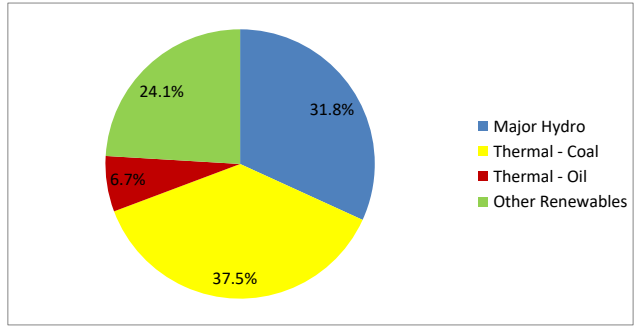
Daily Electricity Generation & Cost Estimation Report

17th September 2024



Daily Generation Mix -17th Sept 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	12.51	31.8%
Thermal - Coal	14.73	37.5%
Thermal - Furnace Oil	2.62	6.7%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	0.00	0.0%
Wind - CEB	1.63	4.1%
Wind - IPP	1.91	4.8%
Solar - IPP - Ground Mounted	0.75	1.9%
Solar - Roof Top	2.14	5.4%
Mini Hydro	2.74	7.0%
Municipal Solid Waste	0.29	0.7%
Total	39.32	



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

Estimated Generation Cost : 17th Sept 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	38.0	38.0	0.00	0.00	3.03	3.03
Thermal - Coal	269.1	28.4	44.5	342.0	18.27	1.93	3.02	23.22
Thermal - Furnace Oil	111.1	9.7	51.7	172.5	42.35	3.69	19.72	65.76
Thermal - Diesel	0.0	1.5	20.0	21.5	0.00	0.00	0.00	0.00
Thermal - Naphtha	0.0	2.0	3.3	5.3	0.00	0.00	0.00	0.00
Wind - CEB	0.0	0.0	21.5	21.5	0.00	0.00	13.25	13.25
Wind - IPP	30.7	0.0	0.0	30.7	16.12	0.00	0.00	16.12
Solar - IPP - Ground Mounted	14.7	0.0	0.0	14.7	19.50	0.00	0.00	19.50
Solar - Roof Top	53.3	0.0	0.0	53.3	24.92	0.00	0.00	24.92
Mini Hydro	40.1	0.0	0.0	40.1	14.61	0.00	0.00	14.61
Municipal Solid Waste	11.2	0.0	0.0	11.2	39.30	0.00	0.00	39.30
Total	530.3	41.5	179.0	750.9	13.49	1.06	4.55	19.10

Note -

Start/Stop costs has been excluded in the calculation

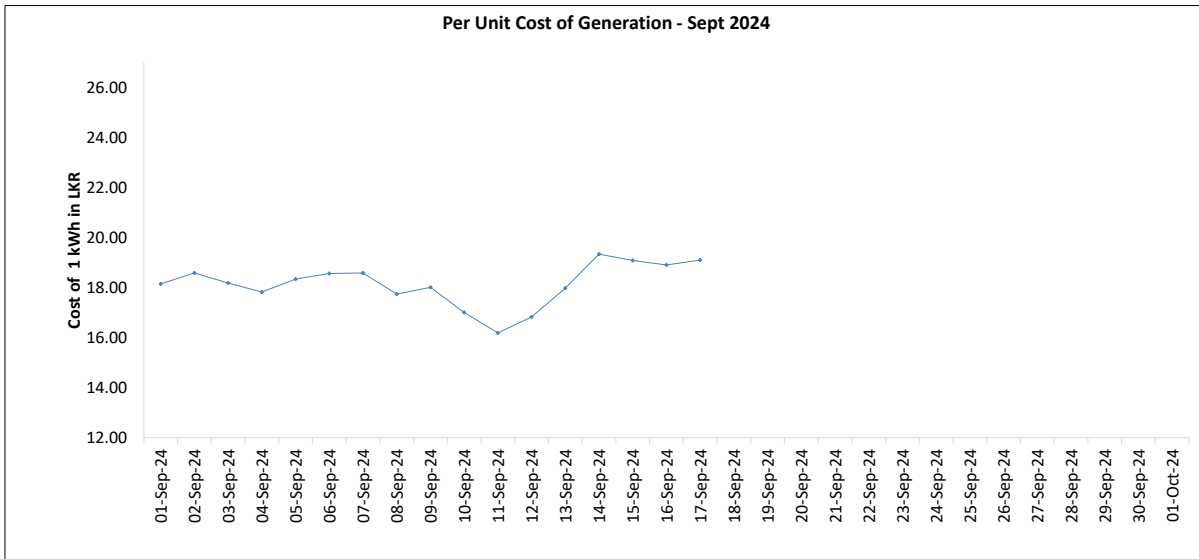
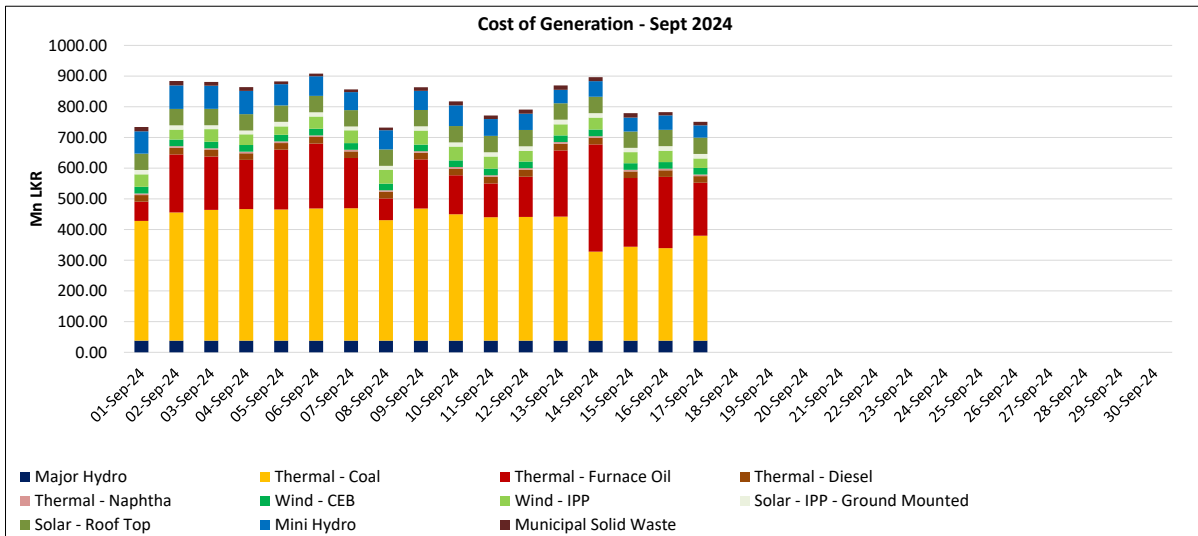
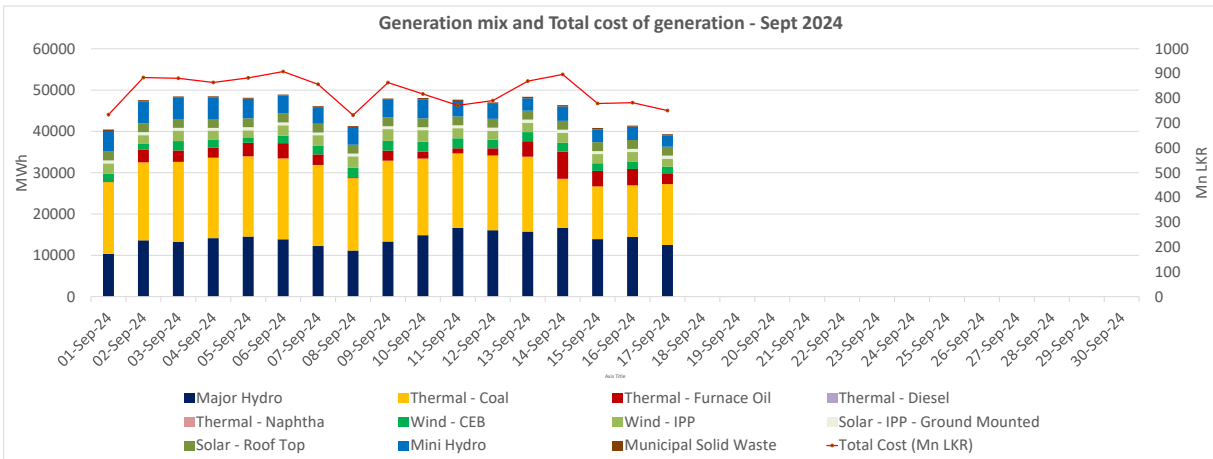
Capacity cost is based on the approved BST submission.

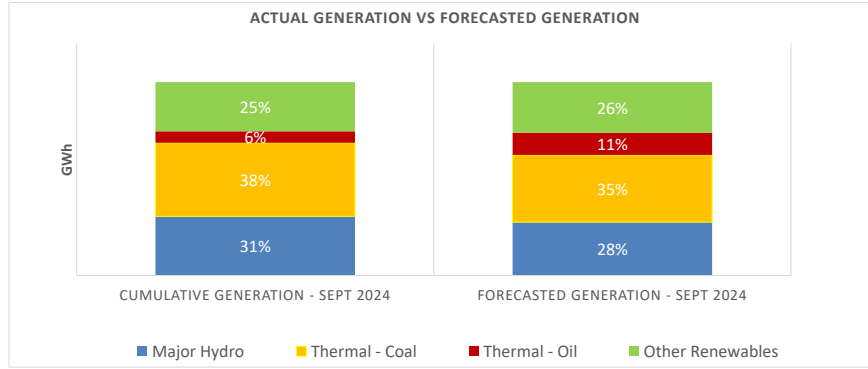
Unit Cost of Generation for the day : **19.10 LKR/kWh**
 Total Generation Cost for the day: **750.86 Mn LKR**

Fuel Prices

(as at 1st Sept 2024)

	Price (LKR/Liter or LKR/kg)
Furnace	181.00
Coal	44.50
Naphtha	197.06
Auto Diesel	307.00





	Cumulative Generation - Sept 2024 [GWh]	Forecasted Generation - Sept 2024 [GWh]
Major Hydro	238	380
Thermal - Coal	295	479
Thermal - Oil	46	158
Other Renewables	198	360
Total	776	1377

Forecasted Generation - SDDP Aug 2024

Estimated Cost of Generation - Sept 2024 (Mn LKR)

Major Hydro	645.19 Mn LKR
Thermal - Coal	6636.24 Mn LKR
Thermal - Furnace Oil	2948.33 Mn LKR
Thermal - Diesel	366.75 Mn LKR
Thermal - Naphtha	89.80 Mn LKR
Wind - CEB	366.16 Mn LKR
Wind - IPP	647.33 Mn LKR
Solar - IPP - Ground Mounted	237.35 Mn LKR
Solar - Roof Top	906.51 Mn LKR
Mini Hydro	1019.78 Mn LKR
Municipal Solid Waste	201.20 Mn LKR
Total Generation Cost	14,064.64 Mn LKR

Generation Energy Cost (Sept) 10,315.52 Mn LKR

*Generation Capacity Cost (Sept) 3,042.92 Mn LKR

Other Cost (Sept) 706.20 Mn LKR

Average Unit Cost of Generation (Sept) 18.11 LKR/kWh

Note -

* Capacity cost is based on the approved BST submission.