



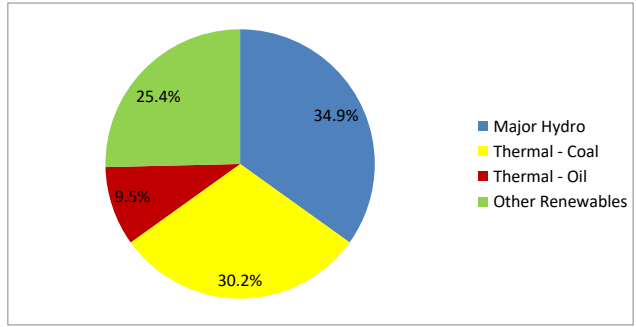
Daily Electricity Generation & Cost Estimation Report

16th September 2024



Daily Generation Mix -16th Sept 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	14.45	34.9%
Thermal - Coal	12.51	30.2%
Thermal - Furnace Oil	3.95	9.5%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	0.00	0.0%
Wind - CEB	1.82	4.4%
Wind - IPP	2.29	5.5%
Solar - IPP - Ground Mounted	0.76	1.8%
Solar - Roof Top	2.14	5.2%
Mini Hydro	3.22	7.8%
Municipal Solid Waste	0.27	0.7%
Total	41.41	



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

Estimated Generation Cost : 16th 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	2.63	2.63
Thermal - Coal	228.5	28.4	44.5	301.4	18.27	2.27	3.56	24.10
Thermal - Furnace Oil	170.8	9.7	51.7	232.2	43.28	2.46	13.11	58.85
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	11.81	11.81
Wind - IPP	36.9	0.0	0.0	36.9	16.12	0.00	0.00	16.12
Solar - IPP - Ground Mounted	14.9	0.0	0.0	14.9	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	47.0	0.0	0.0	47.0	14.61	0.00	0.00	14.61
Municipal Solid Waste	10.6	0.0	0.0	10.6	39.30	0.00	0.00	39.30
Total	562.0	41.5	179.0	782.6	13.57	1.00	4.32	18.90

Note -

Start/Stop costs has been excluded in the calculation

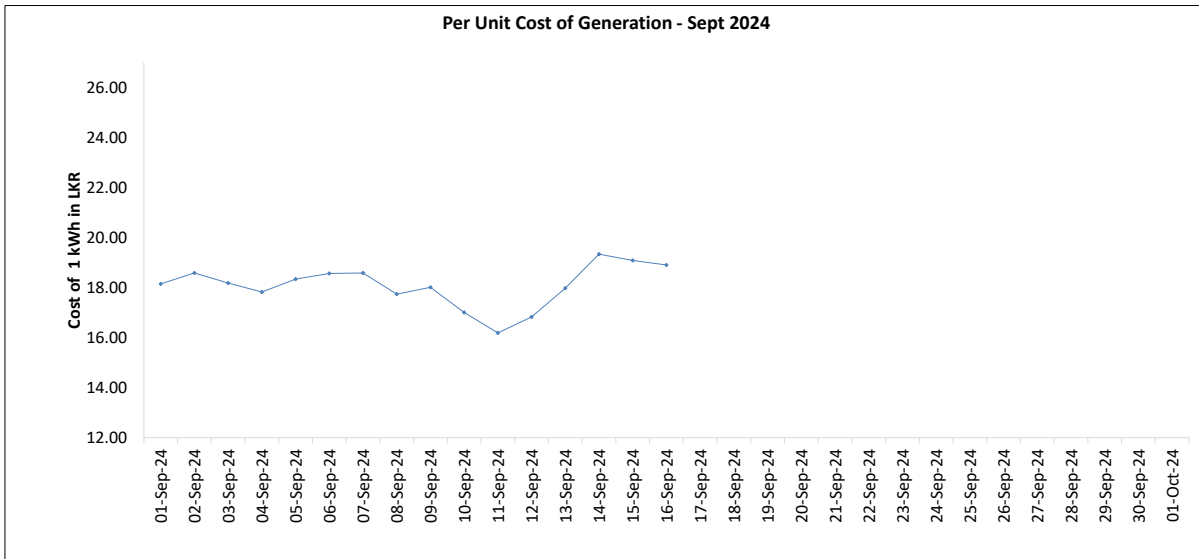
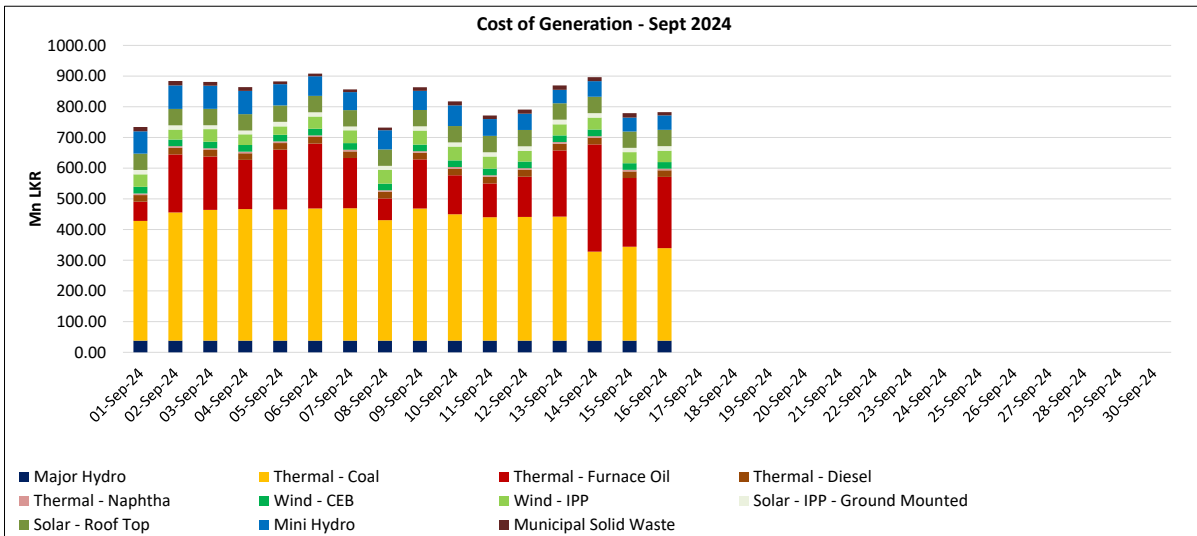
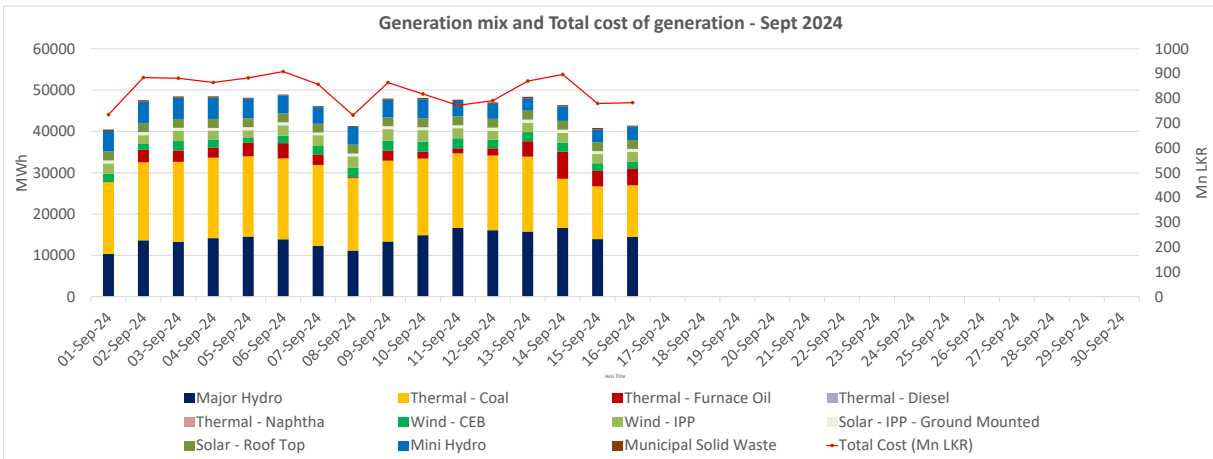
Capacity cost is based on the approved BST submission.

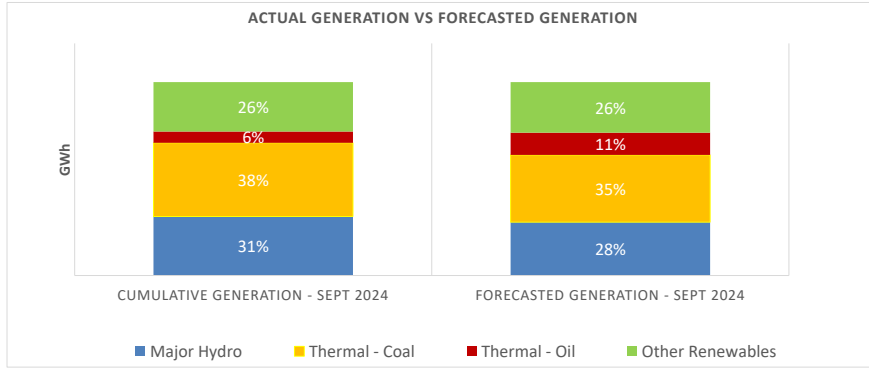
Unit Cost of Generation for the day : **18.90 LKR/kWh**
 Total Generation Cost for the day: **782.57 Mn LKR**

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	225	380
Thermal - Coal	281	479
Thermal - Oil	43	158
Other Renewables	188	360
Total	737	1377

Forecasted Generation - SDDP Aug 2024

Estimated Cost of Generation - Sept 2024 (Mn LKR)

Major Hydro	607.24 Mn LKR
Thermal - Coal	6294.22 Mn LKR
Thermal - Furnace Oil	2775.83 Mn LKR
Thermal - Diesel	345.27 Mn LKR
Thermal - Naphtha	84.52 Mn LKR
Wind - CEB	344.62 Mn LKR
Wind - IPP	616.59 Mn LKR
Solar - IPP - Ground Mounted	222.65 Mn LKR
Solar - Roof Top	853.18 Mn LKR
Mini Hydro	979.69 Mn LKR
Municipal Solid Waste	189.96 Mn LKR
Total Generation Cost	13,313.78 Mn LKR

Generation Energy Cost (Sept) 9,785.20 Mn LKR

*Generation Capacity Cost (Sept) 2,863.93 Mn LKR

Other Cost (Sept) 664.65 Mn LKR

Average Unit Cost of Generation (Sept) 18.06 LKR/kWh

Note -

* Capacity cost is based on the approved BST submission.