



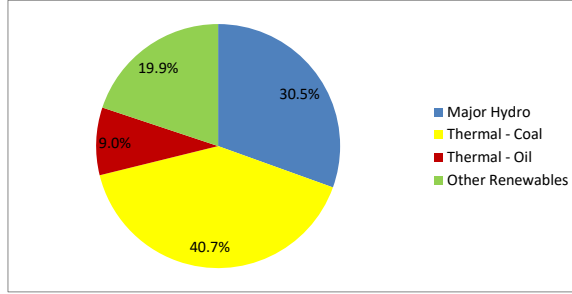
Daily Electricity Generation & Cost Estimation Report

18th September 2024



Daily Generation Mix -18th Sept 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	14.34	30.5%
Thermal - Coal	19.11	40.7%
Thermal - Furnace Oil	4.21	9.0%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	0.00	0.0%
Wind - CEB	1.71	3.6%
Wind - IPP	2.03	4.3%
Solar - IPP - Ground Mounted	0.76	1.6%
Solar - Roof Top	2.14	4.6%
Mini Hydro	2.36	5.0%
Municipal Solid Waste	0.34	0.7%
Total	47.01	



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

Estimated Generation Cost : 18th 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	2.65	2.65
Thermal - Coal	349.2	28.4	44.5	422.1	18.27	1.48	2.33	22.08
Thermal - Furnace Oil	178.8	9.7	51.7	240.2	42.46	2.30	12.28	57.03
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	12.60	12.60
Wind - IPP	32.7	0.0	0.0	32.7	16.12	0.00	0.00	16.12
Solar - IPP - Ground Mounted	14.8	0.0	0.0	14.8	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	34.5	0.0	0.0	34.5	14.61	0.00	0.00	14.61
Municipal Solid Waste	13.5	0.0	0.0	13.5	39.30	0.00	0.00	39.30
Total	676.9	41.5	179.0	897.5	14.40	0.88	3.81	19.09

Note -

Start/Stop costs has been excluded in the calculation

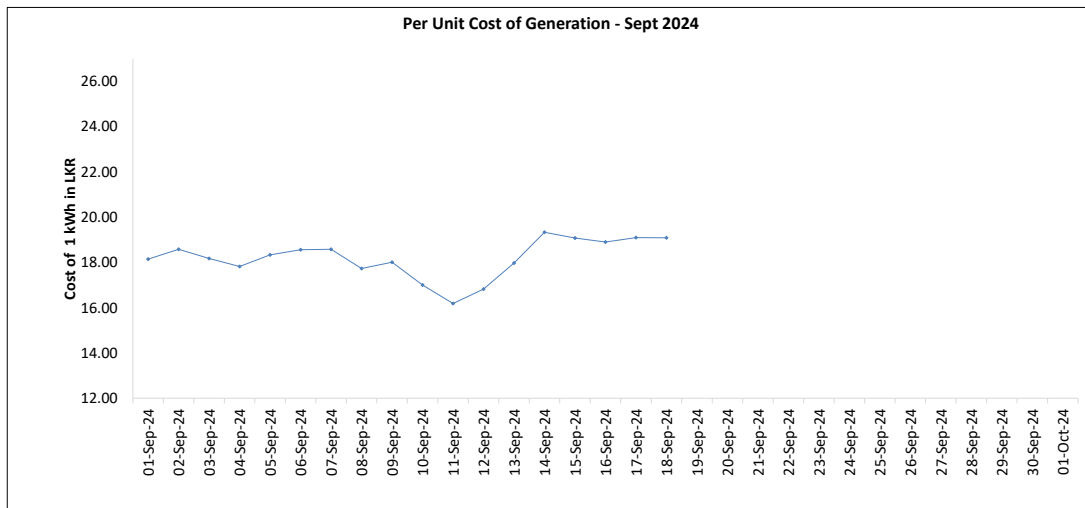
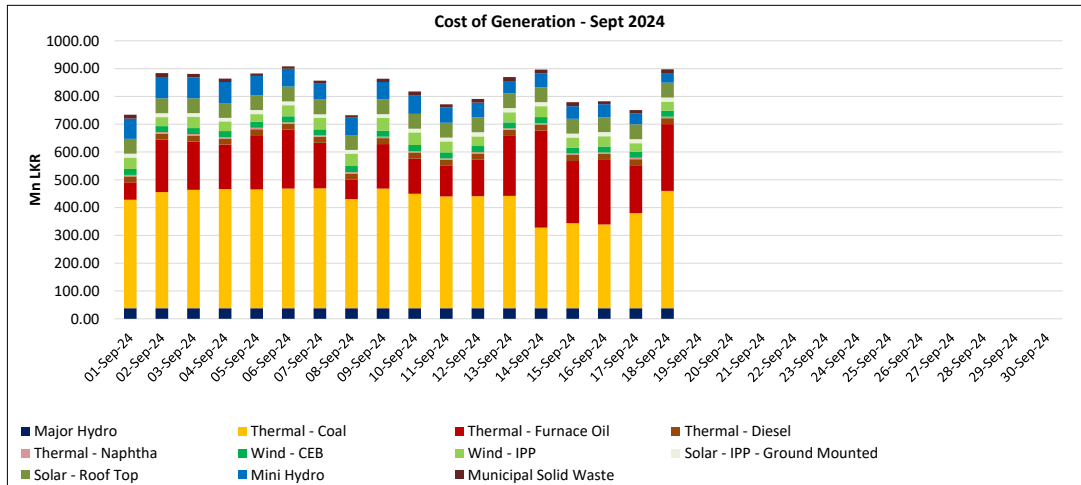
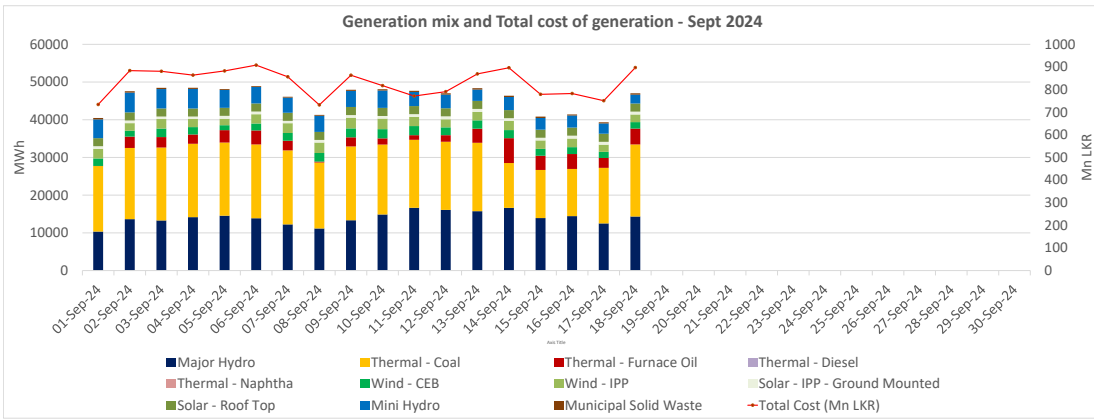
Capacity cost is based on the approved BST submission.

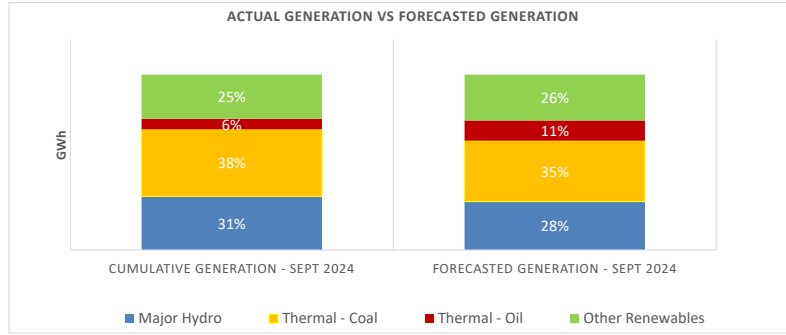
Unit Cost of Generation for the day : **19.09 LKR/kWh**
 Total Generation Cost for the day: **897.46 Mn LKR**

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	252	380
Thermal - Coal	315	479
Thermal - Oil	50	158
Other Renewables	207	360
Total	824	1377

Forecasted Generation - SDDP Aug 2024

Estimated Cost of Generation - Sept 2024 (Mn LKR)

Major Hydro	683.15 Mn LKR
Thermal - Coal	7058.30 Mn LKR
Thermal - Furnace Oil	3188.56 Mn LKR
Thermal - Diesel	388.22 Mn LKR
Thermal - Naphtha	95.09 Mn LKR
Wind - CEB	387.70 Mn LKR
Wind - IPP	680.07 Mn LKR
Solar - IPP - Ground Mounted	252.19 Mn LKR
Solar - Roof Top	959.83 Mn LKR
Mini Hydro	1054.32 Mn LKR
Municipal Solid Waste	214.68 Mn LKR
Total Generation Cost	14,962.10 Mn LKR

Generation Energy Cost (Sept) 10,992.44 Mn LKR

*Generation Capacity Cost (Sept) 3,221.92 Mn LKR

Other Cost (Sept) 747.74 Mn LKR

Average Unit Cost of Generation (Sept) 18.17 LKR/kWh

Note -

* Capacity cost is based on the approved BST submission.