



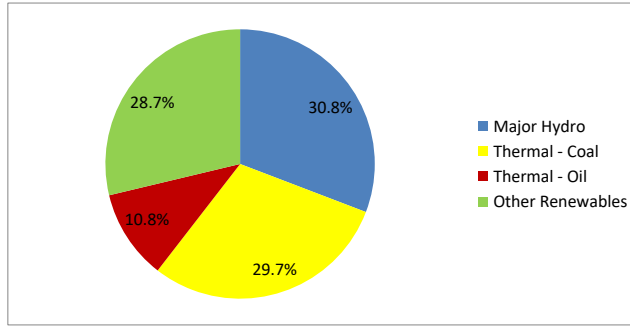
Daily Electricity Generation & Cost Estimation Report

17th October 2024



Daily Generation Mix -17th Oct 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	12.42	30.8%
Thermal - Coal	11.96	29.7%
Thermal - Furnace Oil	1.15	2.8%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	3.20	7.9%
Wind - CEB	1.82	4.5%
Wind - IPP	1.43	3.5%
Solar - IPP - Ground Mounted	0.71	1.8%
Solar - Roof Top	2.42	6.0%
Mini Hydro	5.07	12.6%
Municipal Solid Waste	0.13	0.3%
Total	40.31	



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 Oct 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	37.6	37.6	0.00	0.00	3.03	3.03
Thermal - Coal	213.5	27.5	44.5	285.5	17.85	2.29	3.72	23.86
Thermal - Furnace Oil	48.2	9.4	50.3	107.9	42.03	8.17	43.78	93.98
Thermal - Diesel	0.0	1.5	19.8	21.2	0.00	0.00	0.00	0.00
Thermal - Naphtha	142.9	1.9	3.2	148.0	44.74	0.60	1.00	46.34
Wind - CEB	0.0	0.0	20.9	20.9	0.00	0.00	11.45	11.45
Wind - IPP	23.0	0.0	0.0	23.0	16.15	0.00	0.00	16.15
Solar - IPP - Ground Mounted	14.0	0.0	0.0	14.0	19.58	0.00	0.00	19.58
Solar - Roof Top	60.3	0.0	0.0	60.3	24.92	0.00	0.00	24.92
Mini Hydro	68.9	0.0	0.0	68.9	13.59	0.00	0.00	13.59
Municipal Solid Waste	5.2	0.0	0.0	5.2	39.00	0.00	0.00	39.00
Total	576.1	40.2	176.2	792.5	14.29	1.00	4.37	19.66

Note -

Start/Stop costs has been excluded in the calculation

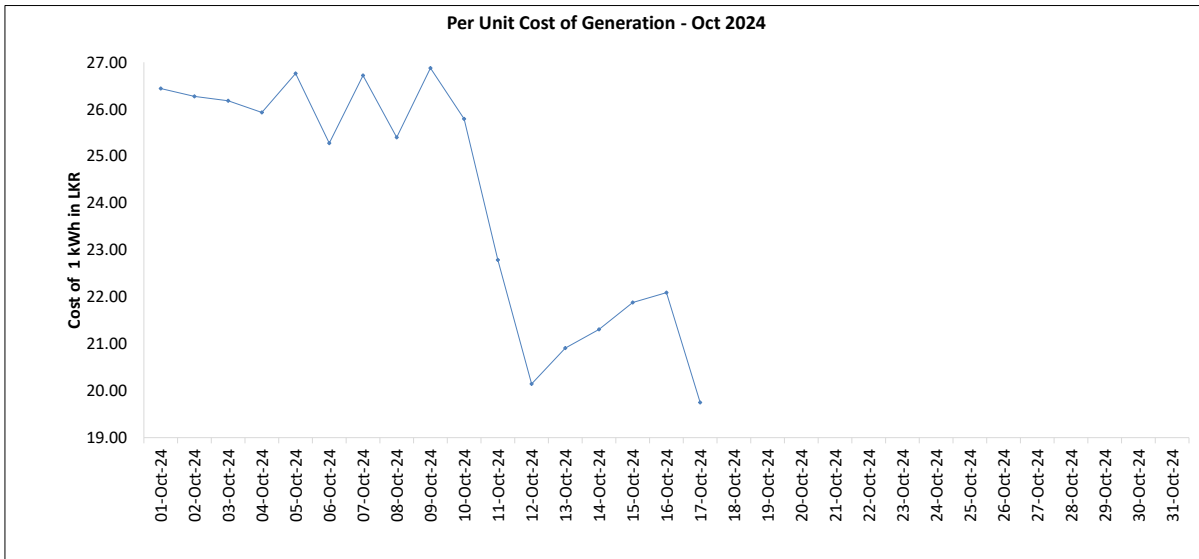
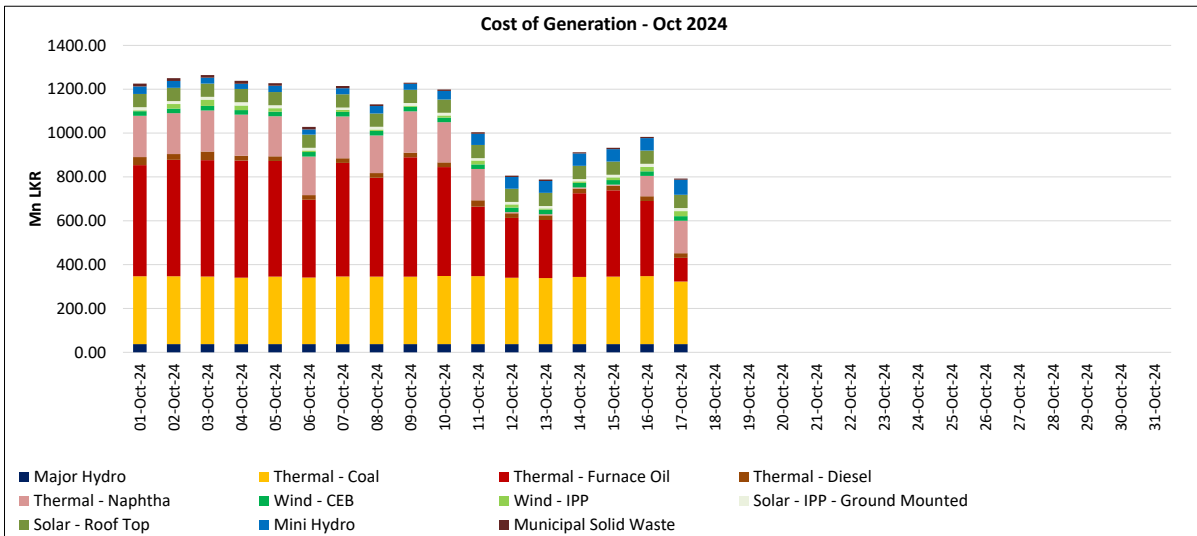
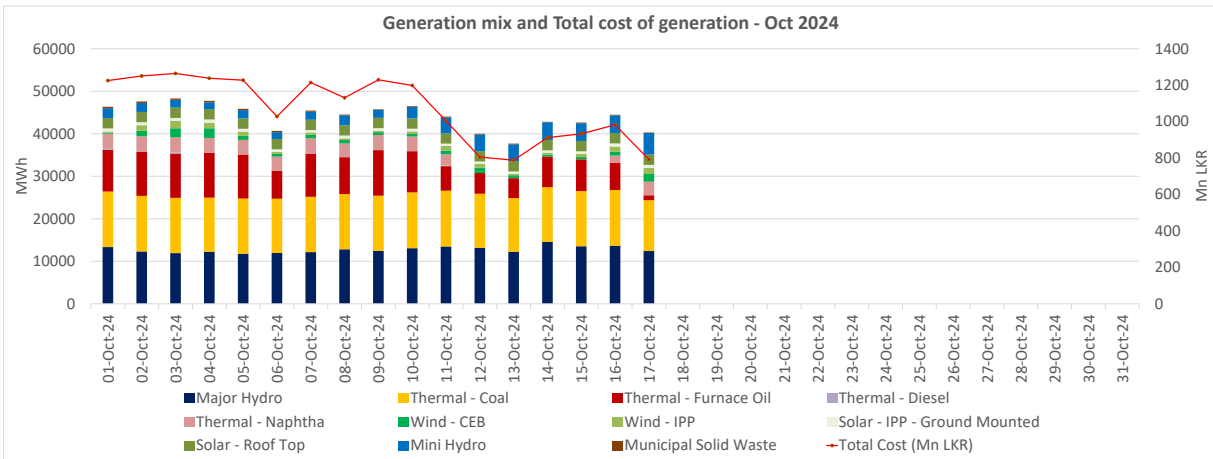
Capacity cost is based on the approved BST submission.

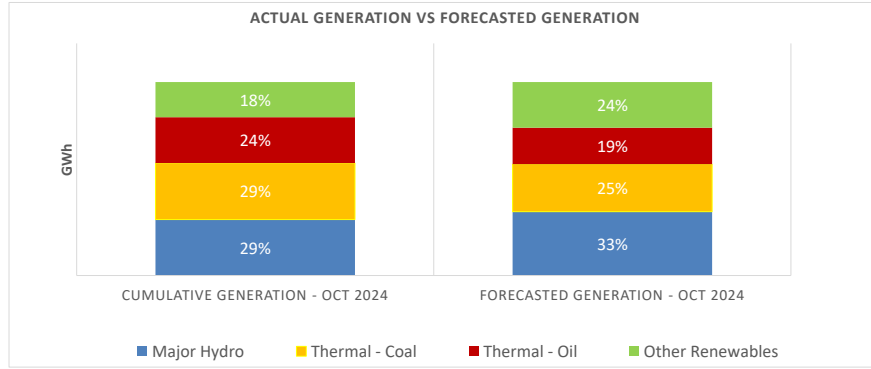
Unit Cost of Generation for the day : **19.66 LKR/kWh**
 Total Generation Cost for the day: **792.46 Mn LKR**

Fuel Prices

(as at 17th Oct 2024)

	Price (LKR/Liter or LKR/kg)
Furnace	191.00
Coal	43.47
Naphtha	166.00
Auto Diesel	283.00





	Cumulative Generation - Oct 2024 [GWh]	Forecasted Generation - Oct 2024 [GWh]
Major Hydro	217	470
Thermal - Coal	219	350
Thermal - Oil	178	269
Other Renewables	137	336
Total	751	1425

Forecasted Generation - SDDP Oct 2024

Estimated Cost of Generation - Oct 2024 (Mn LKR)

Major Hydro	639.03 Mn LKR
Thermal - Coal	5197.72 Mn LKR
Thermal - Furnace Oil	7076.09 Mn LKR
Thermal - Diesel	407.70 Mn LKR
Thermal - Naphtha	2246.89 Mn LKR
Wind - CEB	354.52 Mn LKR
Wind - IPP	227.67 Mn LKR
Solar - IPP - Ground Mounted	212.81 Mn LKR
Solar - Roof Top	1025.11 Mn LKR
Mini Hydro	693.91 Mn LKR
Municipal Solid Waste	145.94 Mn LKR
Total Generation Cost	18,227.41 Mn LKR

Generation Energy Cost (Oct) 14,552.14 Mn LKR

*Generation Capacity Cost (Oct) 2,995.44 Mn LKR

Other Cost (Oct) 683.42 Mn LKR

Average Unit Cost of Generation (Oct) 24.28 LKR/kWh

Note -

* Capacity cost is based on the approved BST submission.