



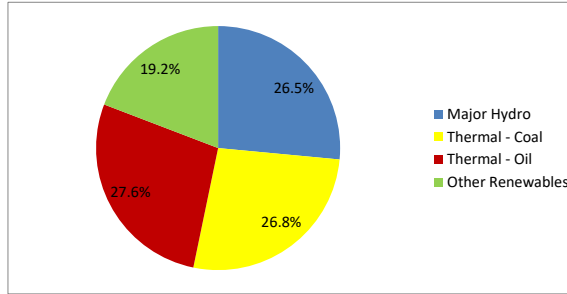
Daily Electricity Generation & Cost Estimation Report

12th November 2024



Daily Generation Mix -12th Nov 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	12.87	26.5%
Thermal - Coal	13.01	26.8%
Thermal - Furnace Oil	9.87	20.3%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	3.52	7.2%
Wind - CEB	0.31	0.6%
Wind - IPP	0.17	0.4%
Solar - IPP - Ground Mounted	0.68	1.4%
Solar - Roof Top	2.77	5.7%
Mini Hydro	5.03	10.4%
Municipal Solid Waste	0.37	0.8%
Total	48.59	



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

Estimated Generation Cost : 12th Nov 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	39.1	39.1	0.00	0.00	3.03	3.03
Thermal - Coal	243.8	28.4	46.3	318.5	18.74	2.18	3.56	24.48
Thermal - Furnace Oil	453.0	9.7	51.9	514.6	45.91	0.98	5.26	52.16
Thermal - Diesel	0.0	1.5	20.0	21.5	0.00	0.00	0.00	0.00
Thermal - Naphtha	157.6	2.0	3.3	162.8	44.74	0.56	0.94	46.24
Wind - CEB	0.0	0.0	21.6	21.6	0.00	0.00	70.69	70.69
Wind - IPP	2.8	0.0	0.0	2.8	16.15	0.00	0.00	16.15
Solar - IPP - Ground Mounted	13.3	0.0	0.0	13.3	19.58	0.00	0.00	19.58
Solar - Roof Top	69.0	0.0	0.0	69.0	24.92	0.00	0.00	24.92
Mini Hydro	68.4	0.0	0.0	68.4	13.59	0.00	0.00	13.59
Municipal Solid Waste	14.4	0.0	0.0	14.4	39.00	0.00	0.00	39.00
Total	1022.2	41.5	182.2	1,245.9	21.03	0.85	3.75	25.64

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 : **25.64 LKR/kWh**
 Total Generation Cost for the day: **1245.89 Mn LKR**

Fuel Prices

(as at 11th Nov 2024)

	Price (LKR/Liter or LKR/kg)
Furnace	199.00
Coal	45.65
Naphtha	166.00
Auto Diesel	283.00

Scheduled (Day Ahead) Generation Mix - 12th Nov 2024 (Excluding generation from non telemetered power plants)

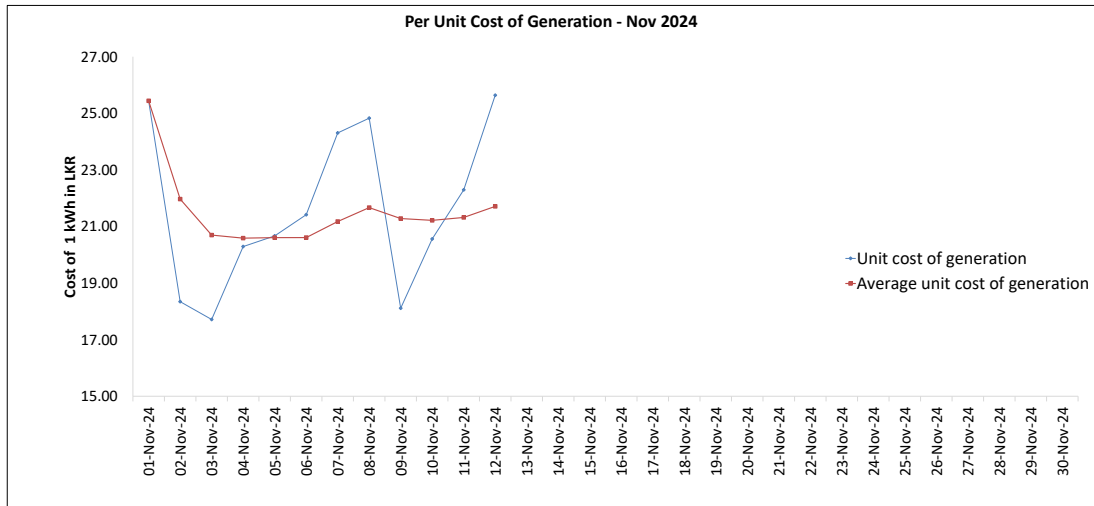
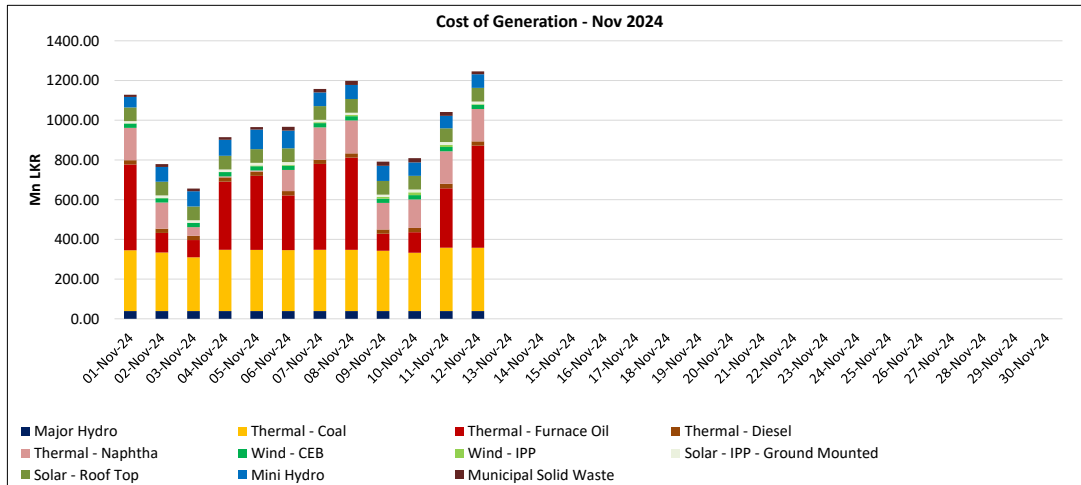
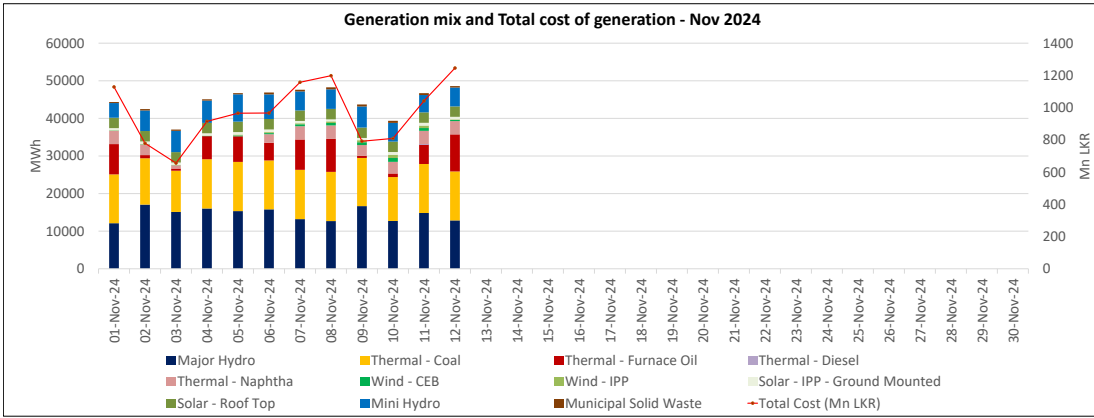
Plant Type	Generation (GWh)	Percentage
Major Hydro	13.5	30%
Thermal - Coal	13.0	29%
Thermal - Furnace Oil	7.8	18%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	3.6	8%
Wind - CEB		
Wind - IPP	0.6	1%
BMP	0.5	1%
Solar	0.6	1%
Mini Hydro	4.7	11%
Total	44.34	

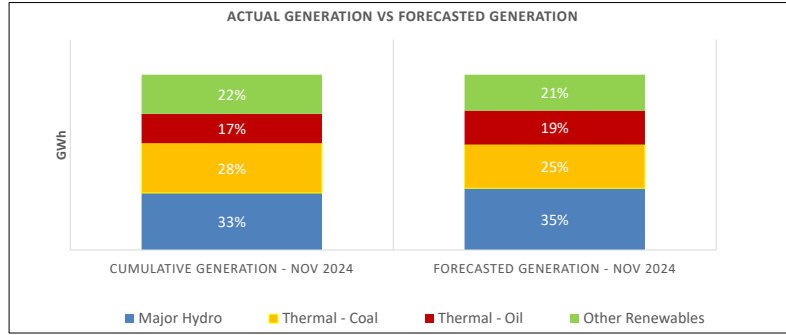
Estimated Generation Cost for the Scheduled Dispatch (Excluding non telemetered NCRE plants) **1,087 Mn LKR**

Actual Generation Mix - 12th Nov 2024 (Excluding generation from non telemetered power plants)

Plant Type	Generation (GWh)	Percentage
Major Hydro	12.9	28%
Thermal - Coal	13.0	29%
Thermal - Furnace Oil	9.9	22%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	3.5	8%
Wind - CEB	0.3	1%
Wind - IPP	0.2	0%
BMP	0.4	0.8%
Solar	0.7	1%
Mini Hydro	4.7	10%
Total	45.54	

Estimated Generation Cost for the Actual Dispatch (Excluding non telemetered NCRE plants) **1,173 Mn LKR**





	Cumulative Generation - Nov 2024 [GWh]	Forecasted Generation - Nov 2024 [GWh]
Major Hydro	174	478
Thermal - Coal	152	338
Thermal - Oil	90	263
Other Renewables	120	278
Total	537	1357

Forecasted Generation - SDDP Oct 2024

Estimated Cost of Generation - Nov 2024 (Mn LKR)

Major Hydro	469 Mn LKR
Thermal - Coal	3,646 Mn LKR
Thermal - Furnace Oil	3,509 Mn LKR
Thermal - Diesel	259 Mn LKR
Thermal - Naphtha	1,387 Mn LKR
Wind - CEB	259 Mn LKR
Wind - IPP	61 Mn LKR
Solar - IPP - Ground Mounted	151 Mn LKR
Solar - Roof Top	828 Mn LKR
Mini Hydro	887 Mn LKR
Municipal Solid Waste	198 Mn LKR
Total Generation Cost	11,654 Mn LKR

Generation Energy Cost (Nov) 8,893 Mn LKR

*Generation Capacity Cost (Nov) 2,186 Mn LKR

Other Cost (Nov) 498 Mn LKR

Average Unit Cost of Generation (Nov) 21.71 LKR/kWh

Note -

* Capacity cost is based on the approved BST submission.