



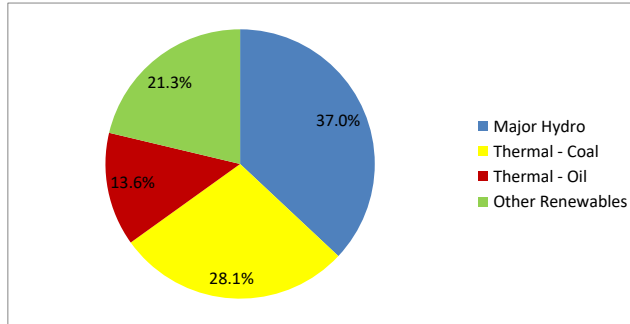
Daily Electricity Generation & Cost Estimation Report

18th November 2024



Daily Generation Mix -18th Nov 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	17.12	37.0%
Thermal - Coal	13.01	28.1%
Thermal - Furnace Oil	5.01	10.8%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	1.30	2.8%
Wind - CEB	0.57	1.2%
Wind - IPP	0.42	0.9%
Solar - IPP - Ground Mounted	0.66	1.4%
Solar - Roof Top	2.77	6.0%
Mini Hydro	4.91	10.6%
Municipal Solid Waste	0.52	1.1%
Total	46.28	



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 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	2.28	2.28
Thermal - Coal	243.8	28.4	46.3	318.5	18.74	2.18	3.56	24.48
Thermal - Furnace Oil	225.4	9.7	51.9	287.1	45.04	1.94	10.38	57.36
Thermal - Diesel	0.0	1.5	20.0	21.5	0.00	0.00	0.00	0.00
Thermal - Naphtha	58.3	2.0	3.3	63.6	44.74	1.52	2.53	48.79
Wind - CEB	0.0	0.0	21.6	21.6	0.00	0.00	37.89	37.89
Wind - IPP	6.8	0.0	0.0	6.8	16.15	0.00	0.00	16.15
Solar - IPP - Ground Mounted	13.0	0.0	0.0	13.0	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	66.7	0.0	0.0	66.7	13.59	0.00	0.00	13.59
Municipal Solid Waste	20.4	0.0	0.0	20.4	39.00	0.00	0.00	39.00
Total	703.4	41.5	182.2	927.1	15.20	0.90	3.94	20.03

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 : **20.03 LKR/kWh**
 Total Generation Cost for the day: **927.10 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 - 18th Nov 2024 (Excluding generation from non telemetered power plants)

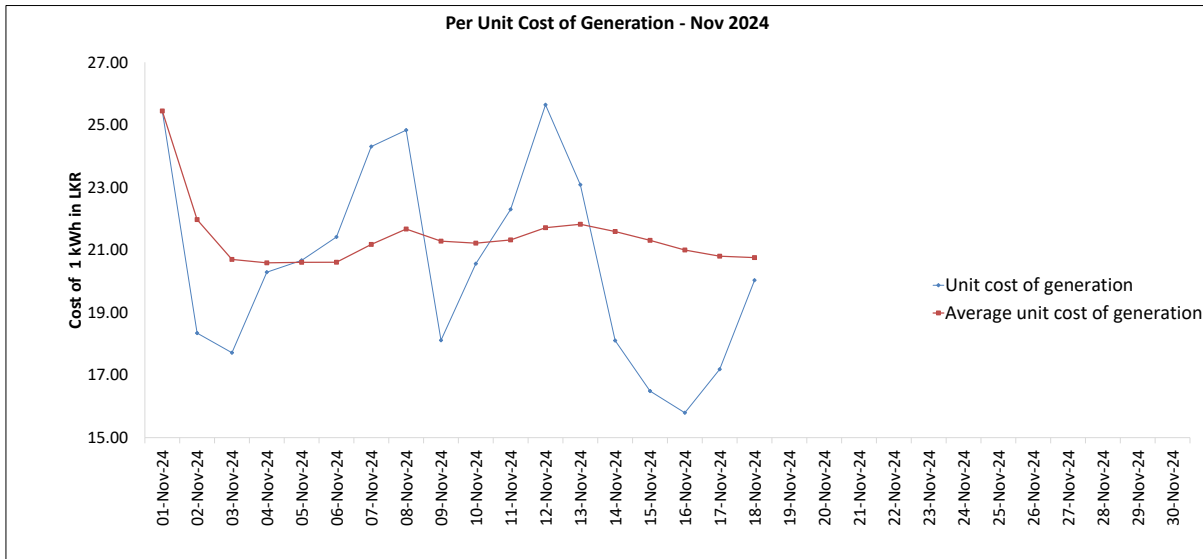
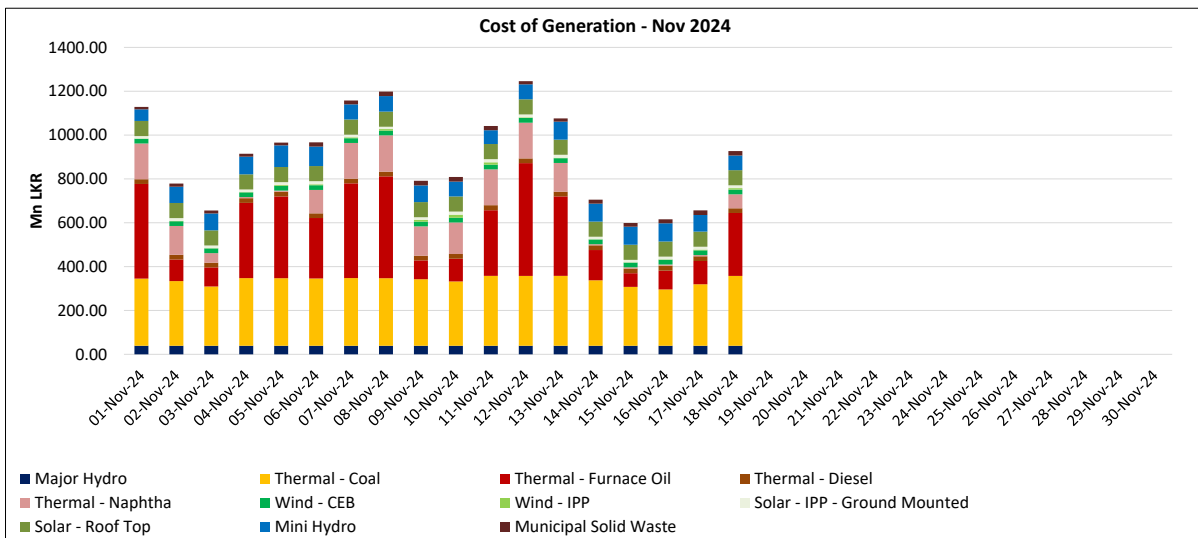
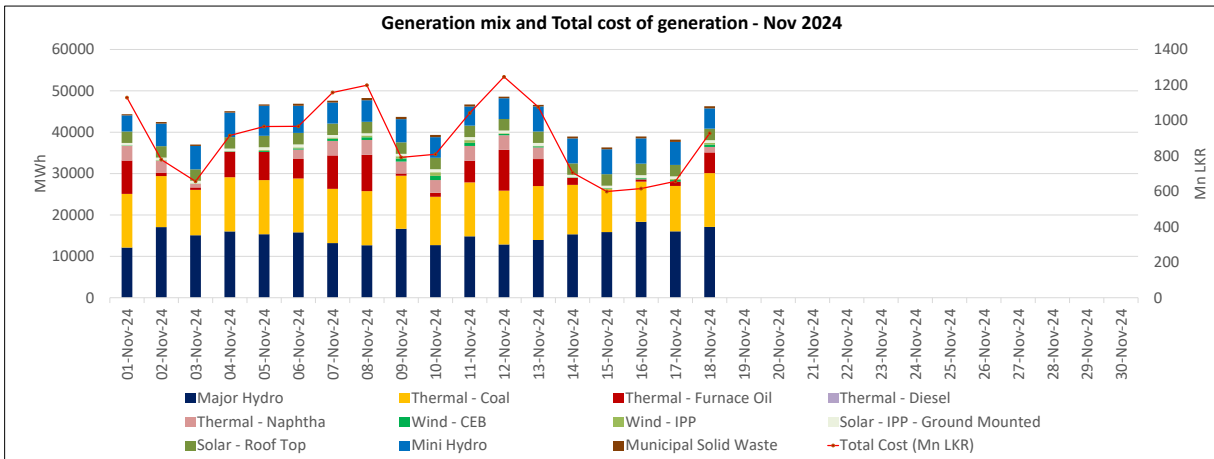
Plant Type	Generation (GWh)	Percentage
Major Hydro	15.8	38%
Thermal - Coal	13.0	31%
Thermal - Furnace Oil	4.2	10%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	1.5	4%
Wind - CEB		
Wind - IPP	0.6	1%
BMP	0.5	1%
Solar	0.6	1%
Mini Hydro	5.8	14%
Total	41.79	

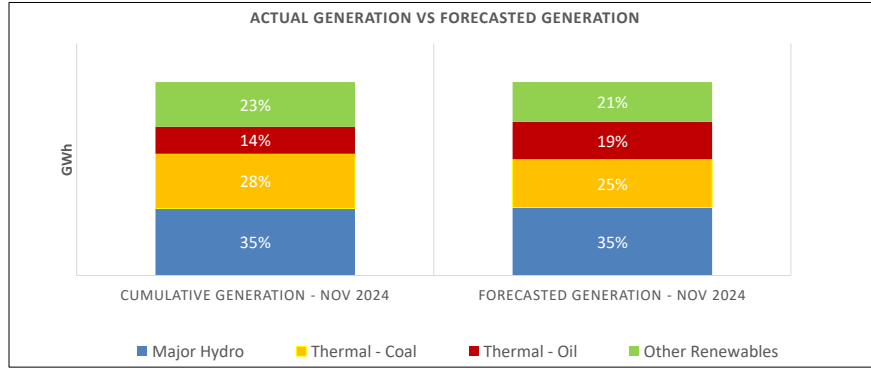
Actual Generation Mix - 18th Nov 2024 (Excluding generation from non telemetered power plants)

Plant Type	Generation (GWh)	Percentage
Major Hydro	17.1	40%
Thermal - Coal	13.0	30%
Thermal - Furnace Oil	5.0	12%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	1.3	3%
Wind - CEB	0.6	1%
Wind - IPP	0.4	1%
BMP	0.5	1.2%
Solar	0.7	2%
Mini Hydro	4.6	11%
Total	43.24	

Estimated Generation Cost for the Scheduled Dispatch (Excluding non telemetered NCRE plants) **833 Mn LKR**

Estimated Generation Cost for the Actual Dispatch (Excluding non telemetered NCRE plants) **854 Mn LKR**





	Cumulative Generation - Nov 2024 [GWh]	Forecasted Generation - Nov 2024 [GWh]
Major Hydro	271	478
Thermal - Coal	221	338
Thermal - Oil	109	263
Other Renewables	181	278
Total	782	1357

Forecasted Generation - SDDP Oct 2024

Estimated Cost of Generation - Nov 2024 (Mn LKR)

Major Hydro	703	Mn LKR
Thermal - Coal	5,388	Mn LKR
Thermal - Furnace Oil	4,550	Mn LKR
Thermal - Diesel	390	Mn LKR
Thermal - Naphtha	1,603	Mn LKR
Wind - CEB	388	Mn LKR
Wind - IPP	79	Mn LKR
Solar - IPP - Ground Mounted	225	Mn LKR
Solar - Roof Top	1,242	Mn LKR
Mini Hydro	1,359	Mn LKR
Municipal Solid Waste	307	Mn LKR
Total Generation Cost	16,234	Mn LKR

Generation Energy Cost (Nov)	12,130	Mn LKR
*Generation Capacity Cost (Nov)	3,279	Mn LKR
Other Cost (Nov)	748	Mn LKR
Average Unit Cost of Generation (Nov)	20.76	LKR/kWh

Note -

* Capacity cost is based on the approved BST submission.