



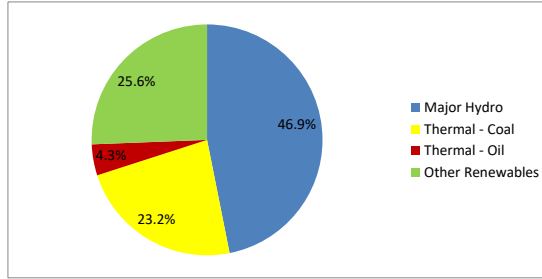
Daily Electricity Generation & Cost Estimation Report

26th November 2024



Daily Generation Mix -26th Nov 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	21.62	46.9%
Thermal - Coal	10.68	23.2%
Thermal - Furnace Oil	0.00	0.0%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	2.01	4.3%
Wind - CEB	1.55	3.4%
Wind - IPP	1.50	3.3%
Solar - IPP - Ground Mounted	0.36	0.8%
Solar - Roof Top	2.77	6.0%
Mini Hydro	5.29	11.5%
Municipal Solid Waste	0.35	0.7%
Total	46.12	



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

Estimated Generation Cost : 26th 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	1.81	1.81
Thermal - Coal	200.2	28.4	46.3	274.9	18.74	2.66	4.34	25.73
Thermal - Furnace Oil	0.0	9.7	51.9	61.6	0.00	0.00	0.00	0.00
Thermal - Diesel	0.0	1.5	20.0	21.5	0.00	0.00	0.00	0.00
Thermal - Naphtha	89.7	2.0	3.3	95.0	44.74	0.99	1.65	47.37
Wind - CEB	0.0	0.0	21.6	21.6	0.00	0.00	13.94	13.94
Wind - IPP	24.2	0.0	0.0	24.2	16.15	0.00	0.00	16.15
Solar - IPP - Ground Mounted	7.0	0.0	0.0	7.0	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	71.9	0.0	0.0	71.9	13.59	0.00	0.00	13.59
Municipal Solid Waste	13.5	0.0	0.0	13.5	39.00	0.00	0.00	39.00
Total	475.6	41.5	182.2	699.3	10.31	0.90	3.95	15.16

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 :

15.16 LKR/kWh

Total Generation Cost for the day:

699.33 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 - 26th Nov 2024 (Excluding generation from non telemetered power plants)

Plant Type	Generation (GWh)	Percentage
Major Hydro	17.1	39%
Thermal - Coal	13.0	30%
Thermal - Furnace Oil	1.0	2%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	2.9	7%
Wind - CEB	3.9	9%
Wind - IPP		
BMP	0.5	1%
Solar	0.3	1%
Mini Hydro	5.0	11%
Total	43.69	

Actual Generation Mix - 26th Nov 2024 (Excluding generation from non telemetered power plants)

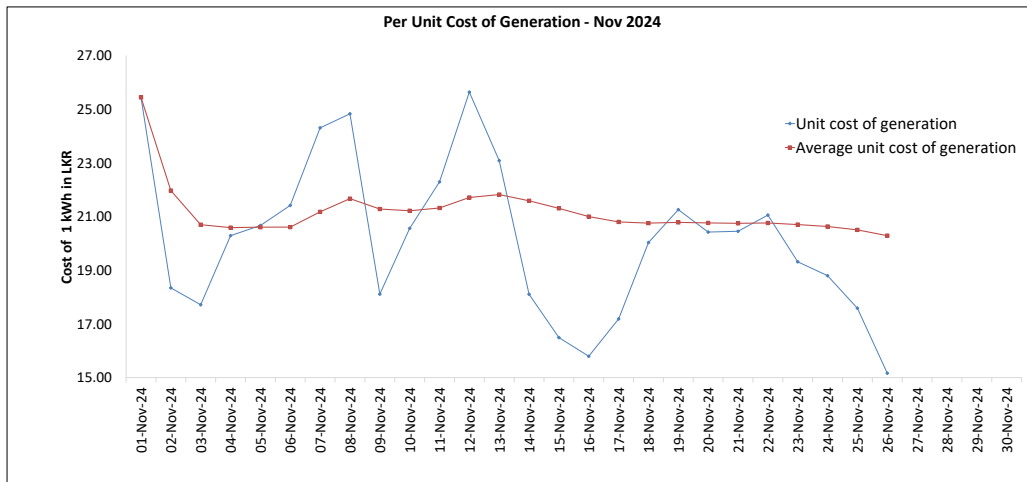
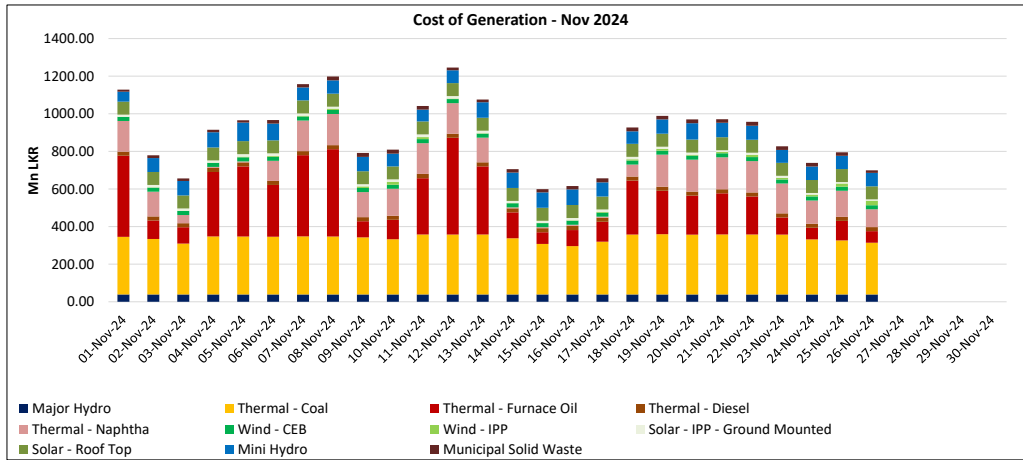
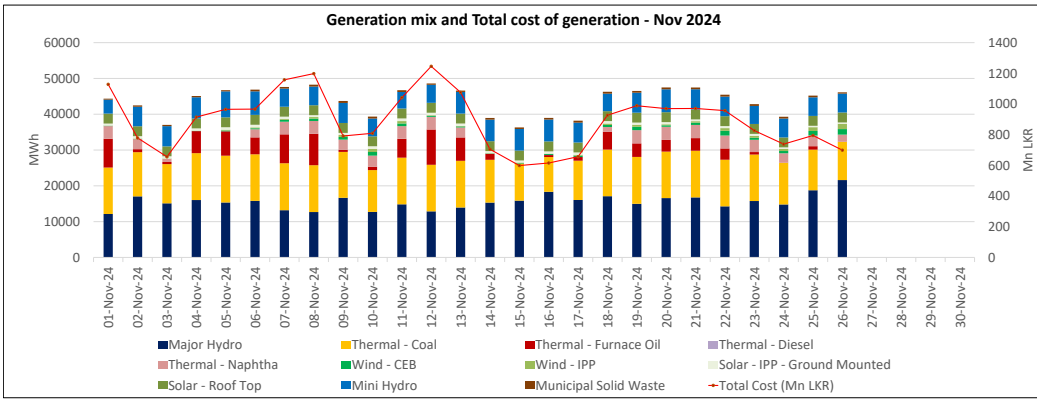
Plant Type	Generation (GWh)	Percentage
Major Hydro	21.6	50%
Thermal - Coal	10.7	25%
Thermal - Furnace Oil	0.0	0%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	2.0	5%
Wind - CEB	1.5	4%
Wind - IPP	1.5	3%
BMP	0.3	0.8%
Solar	0.4	1%
Mini Hydro	5.0	12%
Total	43.05	

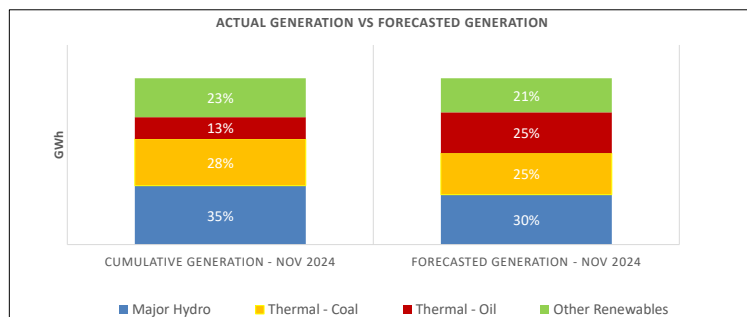
Estimated Generation Cost for the Scheduled Dispatch (Excluding non telemetered NCRE plants)

765 Mn LKR

Estimated Generation Cost for the Actual Dispatch (Excluding non telemetered NCRE plants)

626 Mn LKR





	Cumulative Generation - Nov 2024 [GWh]	Forecasted Generation - Nov 2024 [GWh]
Major Hydro	405	408
Thermal - Coal	320	338
Thermal - Oil	150	333
Other Renewables	268	278
Total	1143	1357

Forecasted Generation - SDDP Nov 2024

Estimated Cost of Generation - Nov 2024 (Mn LKR)

Major Hydro	1,016 Mn LKR
Thermal - Coal	7,838 Mn LKR
Thermal - Furnace Oil	5,729 Mn LKR
Thermal - Diesel	561 Mn LKR
Thermal - Naphtha	2,795 Mn LKR
Wind - CEB	561 Mn LKR
Wind - IPP	171 Mn LKR
Solar - IPP - Ground Mounted	304 Mn LKR
Solar - Roof Top	1,795 Mn LKR
Mini Hydro	1,956 Mn LKR
Municipal Solid Waste	456 Mn LKR
Total Generation Cost	23,181 Mn LKR

Generation Energy Cost (Nov)	17,287 Mn LKR
*Generation Capacity Cost (Nov)	4,737 Mn LKR
Other Cost (Nov)	1,080 Mn LKR
Average Unit Cost of Generation (Nov)	20.29 LKR/kWh

Note -

* Capacity cost is based on the approved BST submission.