



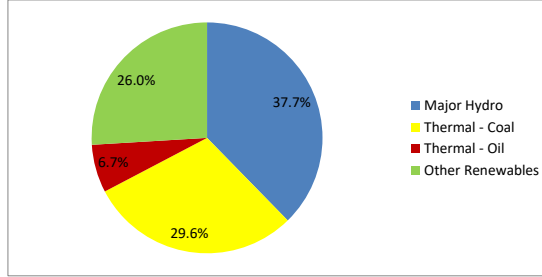
Daily Electricity Generation & Cost Estimation Report

24th November 2024



Daily Generation Mix -24th Nov 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	14.81	37.7%
Thermal - Coal	11.64	29.6%
Thermal - Furnace Oil	0.00	0.0%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	2.64	6.7%
Wind - CEB	0.62	1.6%
Wind - IPP	0.59	1.5%
Solar - IPP - Ground Mounted	0.45	1.1%
Solar - Roof Top	2.77	7.1%
Mini Hydro	5.27	13.4%
Municipal Solid Waste	0.49	1.3%
Total	39.29	



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

Estimated Generation Cost : 24th 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	2.64	2.64
Thermal - Coal	218.1	28.4	46.3	292.9	18.74	2.44	3.98	25.16
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	118.3	2.0	3.3	123.6	44.74	0.75	1.25	46.74
Wind - CEB	0.0	0.0	21.6	21.6	0.00	0.00	34.61	34.61
Wind - IPP	9.6	0.0	0.0	9.6	16.15	0.00	0.00	16.15
Solar - IPP - Ground Mounted	8.7	0.0	0.0	8.7	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	71.6	0.0	0.0	71.6	13.59	0.00	0.00	13.59
Municipal Solid Waste	19.3	0.0	0.0	19.3	39.00	0.00	0.00	39.00
Total	514.7	41.5	182.2	738.4	13.10	1.06	4.64	18.80

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 :

18.80 LKR/kWh

Total Generation Cost for the day:

738.40 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 - 24th Nov 2024 (Excluding generation from non telemetered power plants)

Plant Type	Generation (GWh)	Percentage
Major Hydro	13.0	37%
Thermal - Coal	11.5	33%
Thermal - Furnace Oil	0.0	0%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	3.4	10%
Wind - CEB	1.4	4%
Wind - IPP		
BMP	0.5	2%
Solar	0.4	1%
Mini Hydro	5.2	15%
Total	35.42	

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

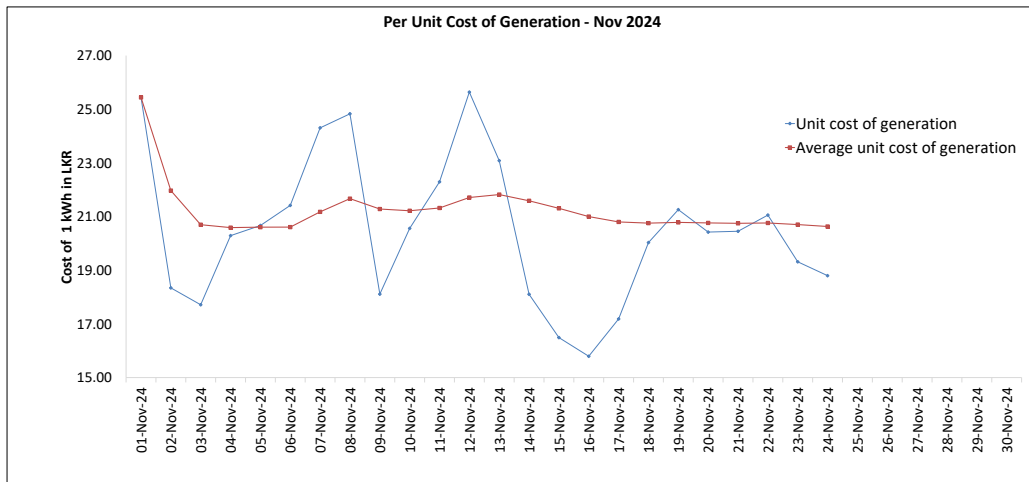
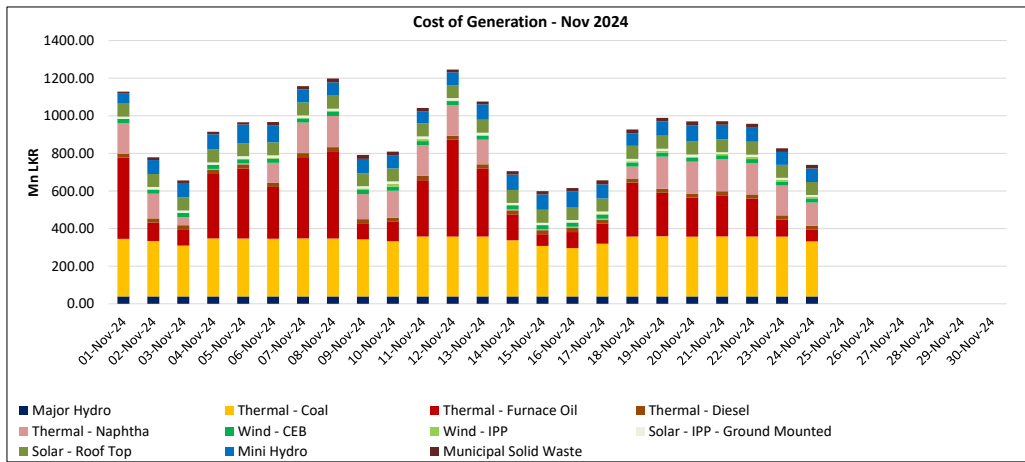
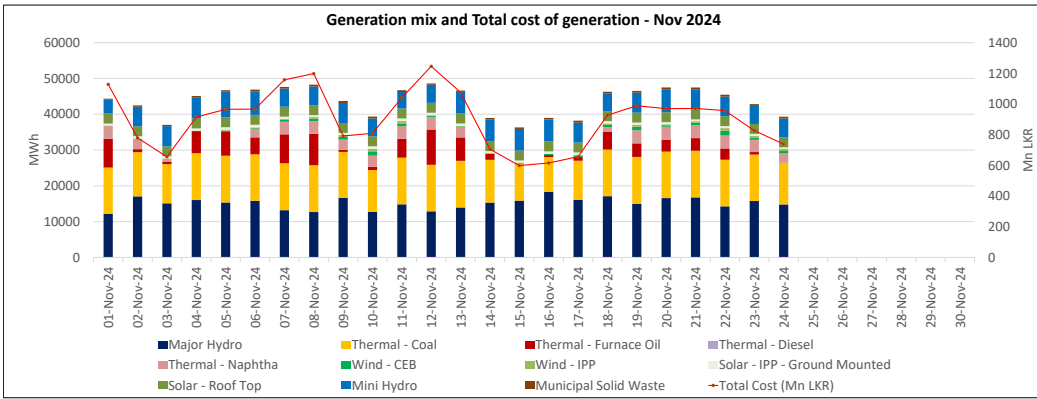
702 Mn LKR

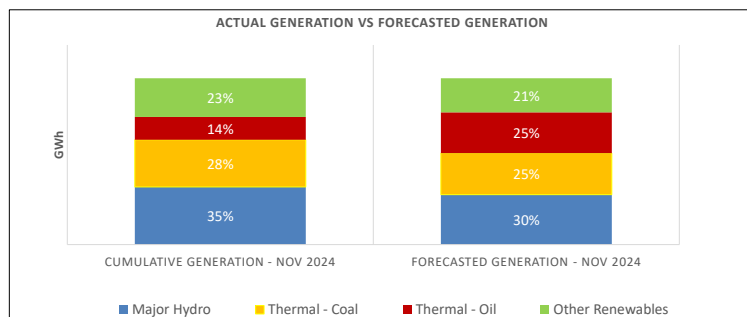
Actual Generation Mix - 24th Nov 2024 (Excluding generation from non telemetered power plants)

Plant Type	Generation (GWh)	Percentage
Major Hydro	14.8	41%
Thermal - Coal	11.6	32%
Thermal - Furnace Oil	0.0	0%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	2.6	7%
Wind - CEB	0.6	2%
Wind - IPP	0.6	2%
BMP	0.5	1.4%
Solar	0.4	1%
Mini Hydro	5.0	14%
Total	36.22	

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

665 Mn LKR





	Cumulative Generation - Nov 2024 [GWh]	Forecasted Generation - Nov 2024 [GWh]
Major Hydro	364	408
Thermal - Coal	298	338
Thermal - Oil	144	333
Other Renewables	245	278
Total	1051	1357

Forecasted Generation - SDDP Nov 2024

Estimated Cost of Generation - Nov 2024 (Mn LKR)

Major Hydro	937 Mn LKR
Thermal - Coal	7,275 Mn LKR
Thermal - Furnace Oil	5,563 Mn LKR
Thermal - Diesel	518 Mn LKR
Thermal - Naphtha	2,561 Mn LKR
Wind - CEB	517 Mn LKR
Wind - IPP	129 Mn LKR
Solar - IPP - Ground Mounted	289 Mn LKR
Solar - Roof Top	1,657 Mn LKR
Mini Hydro	1,813 Mn LKR
Municipal Solid Waste	424 Mn LKR
Total Generation Cost	21,686 Mn LKR

Generation Energy Cost (Nov) 16,240 Mn LKR

*Generation Capacity Cost (Nov) 4,372 Mn LKR

Other Cost (Nov) 997 Mn LKR

Average Unit Cost of Generation (Nov) 20.63 LKR/kWh

Note -

* Capacity cost is based on the approved BST submission.