



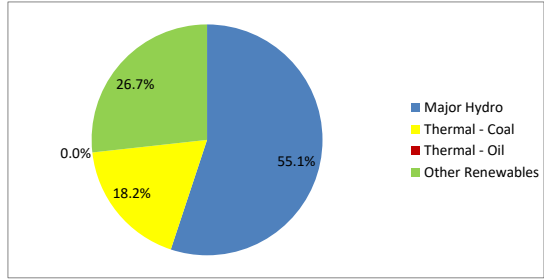
Daily Electricity Generation & Cost Estimation Report

30th November 2024



Daily Generation Mix - 30th Nov 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	24.23	55.1%
Thermal - Coal	7.99	18.2%
Thermal - Furnace Oil	0.00	0.0%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	0.00	0.0%
Wind - CEB	0.64	1.5%
Wind - IPP	1.03	2.3%
Solar - IPP - Ground Mounted	0.48	1.1%
Solar - Roof Top	2.77	6.3%
Mini Hydro	6.34	14.4%
Municipal Solid Waste	0.51	1.2%
Total	43.99	



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

Estimated Generation Cost : 30th 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	37.8	37.8	0.00	0.00	1.56	1.56
Thermal - Coal	149.8	27.5	44.8	222.1	18.74	3.43	5.61	27.79
Thermal - Furnace Oil	0.0	9.4	50.3	59.6	0.00	0.00	0.00	0.00
Thermal - Diesel	0.0	1.5	19.3	20.8	0.00	0.00	0.00	0.00
Thermal - Naphtha	0.0	1.9	3.2	5.1	0.00	0.00	0.00	0.00
Wind - CEB	0.0	0.0	20.9	20.9	0.00	0.00	32.60	32.60
Wind - IPP	16.6	0.0	0.0	16.6	16.15	0.00	0.00	16.15
Solar - IPP - Ground Mounted	9.3	0.0	0.0	9.3	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	86.1	0.0	0.0	86.1	13.59	0.00	0.00	13.59
Municipal Solid Waste	20.0	0.0	0.0	20.0	39.00	0.00	0.00	39.00
Total	350.8	40.2	176.3	567.3	7.98	0.91	4.01	12.90

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 :

12.90 LKR/kWh

Total Generation Cost for the day:

567.35 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 - 30th Nov 2024 (Excluding generation from non telemetered power plants)

Plant Type	Generation (GWh)	Percentage
Major Hydro	23.2	60%
Thermal - Coal	8.1	21%
Thermal - Furnace Oil	0.0	0%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	0.0	0%
Wind - CEB	1.6	4%
Wind - IPP		
BMP	0.4	1%
Solar	0.3	1%
Mini Hydro	5.1	13%
Total	38.71	

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

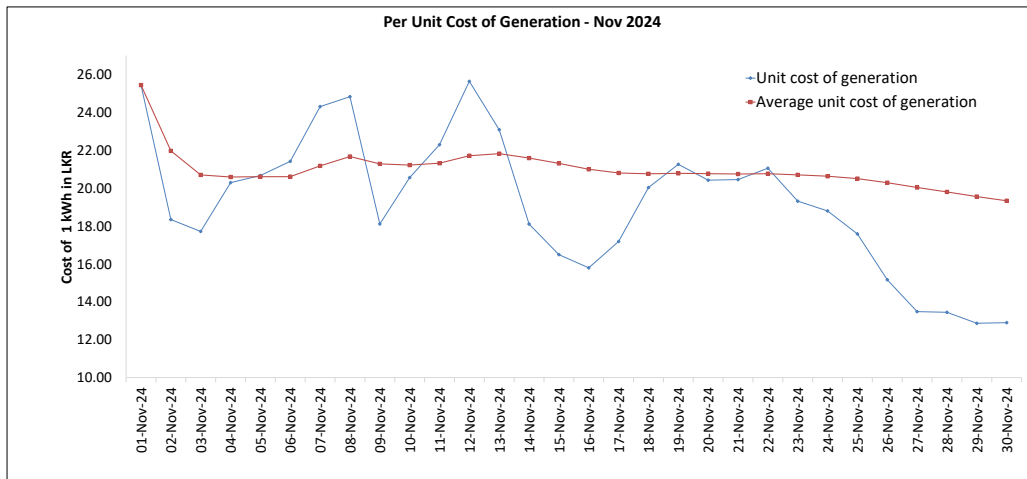
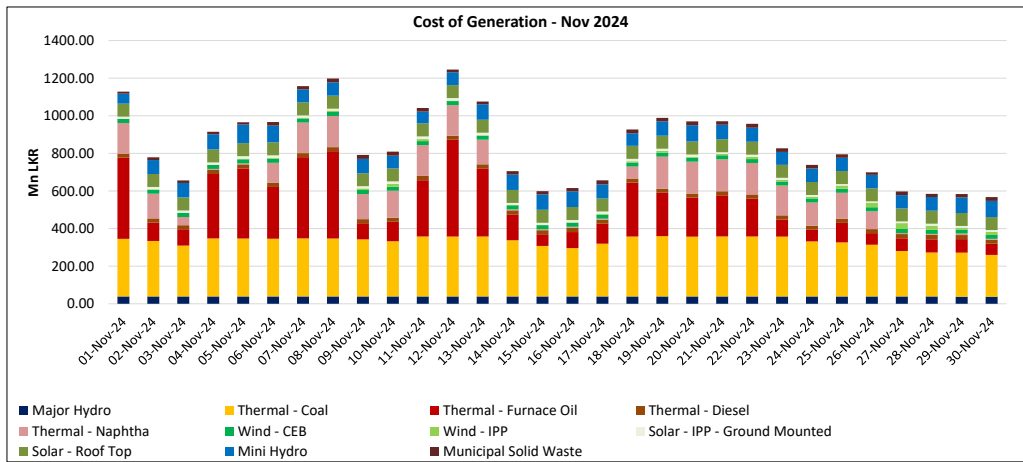
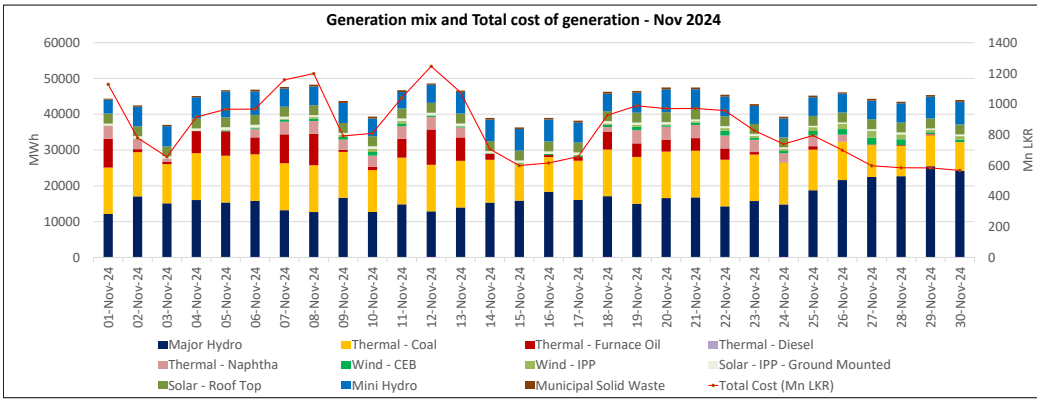
474 Mn LKR

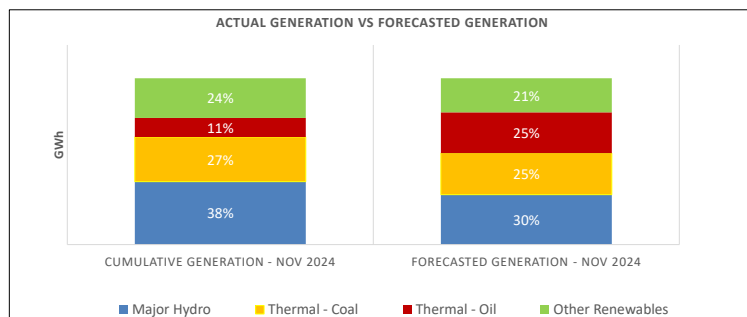
Actual Generation Mix - 30th Nov 2024 (Excluding generation from non telemetered power plants)

Plant Type	Generation (GWh)	Percentage
Major Hydro	24.2	59%
Thermal - Coal	8.0	20%
Thermal - Furnace Oil	0.0	0%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	0.0	0%
Wind - CEB	0.6	2%
Wind - IPP	1.0	3%
BMP	0.5	1.3%
Solar	0.5	1%
Mini Hydro	6.0	15%
Total	40.86	

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

493 Mn LKR





	Cumulative Generation - Nov 2024 [GWh]	Forecasted Generation - Nov 2024 [GWh]
Major Hydro	500	408
Thermal - Coal	354	338
Thermal - Oil	151	333
Other Renewables	315	278
Total	1320	1357

Forecasted Generation - SDDP Nov 2024

Estimated Cost of Generation - Nov 2024 (Mn LKR)

Major Hydro	1,169 Mn LKR
Thermal - Coal	8,769 Mn LKR
Thermal - Furnace Oil	5,998 Mn LKR
Thermal - Diesel	650 Mn LKR
Thermal - Naphtha	2,819 Mn LKR
Wind - CEB	645 Mn LKR
Wind - IPP	251 Mn LKR
Solar - IPP - Ground Mounted	341 Mn LKR
Solar - Roof Top	2,071 Mn LKR
Mini Hydro	2,268 Mn LKR
Municipal Solid Waste	531 Mn LKR
Total Generation Cost	25,514 Mn LKR

Generation Energy Cost (Nov) 18,740 Mn LKR

*Generation Capacity Cost (Nov) 5,454 Mn LKR

Other Cost (Nov) 1,244 Mn LKR

Average Unit Cost of Generation (Nov) 19.33 LKR/kWh

Note -

* Capacity cost is based on the approved BST submission.