



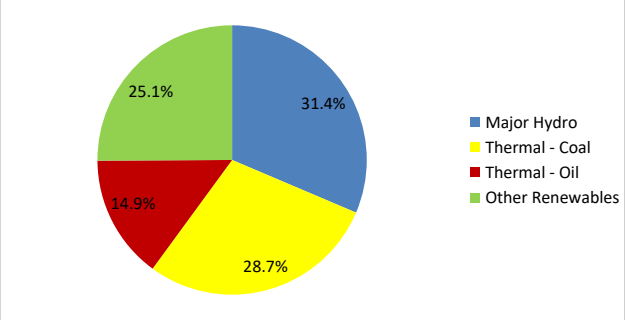
Daily Electricity Generation & Cost Estimation Report

22nd November 2024



Daily Generation Mix -22nd Nov 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	14.27	31.4%
Thermal - Coal	13.03	28.7%
Thermal - Furnace Oil	3.15	6.9%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	3.60	7.9%
Wind - CEB	1.31	2.9%
Wind - IPP	0.76	1.7%
Solar - IPP - Ground Mounted	0.56	1.2%
Solar - Roof Top	2.77	6.1%
Mini Hydro	5.47	12.0%
Municipal Solid Waste	0.54	1.2%
Total	45.46	



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

Estimated Generation Cost : 22nd 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	2.74	2.74
Thermal - Coal	244.2	28.4	46.3	318.9	18.74	2.18	3.56	24.47
Thermal - Furnace Oil	140.5	9.7	51.9	202.2	44.56	3.07	16.47	64.10
Thermal - Diesel	0.0	1.5	20.0	21.5	0.00	0.00	0.00	0.00
Thermal - Naphtha	161.2	2.0	3.3	166.5	44.74	0.55	0.92	46.20
Wind - CEB	0.0	0.0	21.6	21.6	0.00	0.00	16.48	16.48
Wind - IPP	12.3	0.0	0.0	12.3	16.15	0.00	0.00	16.15
Solar - IPP - Ground Mounted	10.9	0.0	0.0	10.9	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	74.3	0.0	0.0	74.3	13.59	0.00	0.00	13.59
Municipal Solid Waste	20.9	0.0	0.0	20.9	39.00	0.00	0.00	39.00
Total	733.4	41.5	182.2	957.1	16.13	0.91	4.01	21.05

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 : 21.05 LKR/kWh
Total Generation Cost for the day: 957.12 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 - 22nd Nov 2024 (Excluding generation from non telemetered power plants)

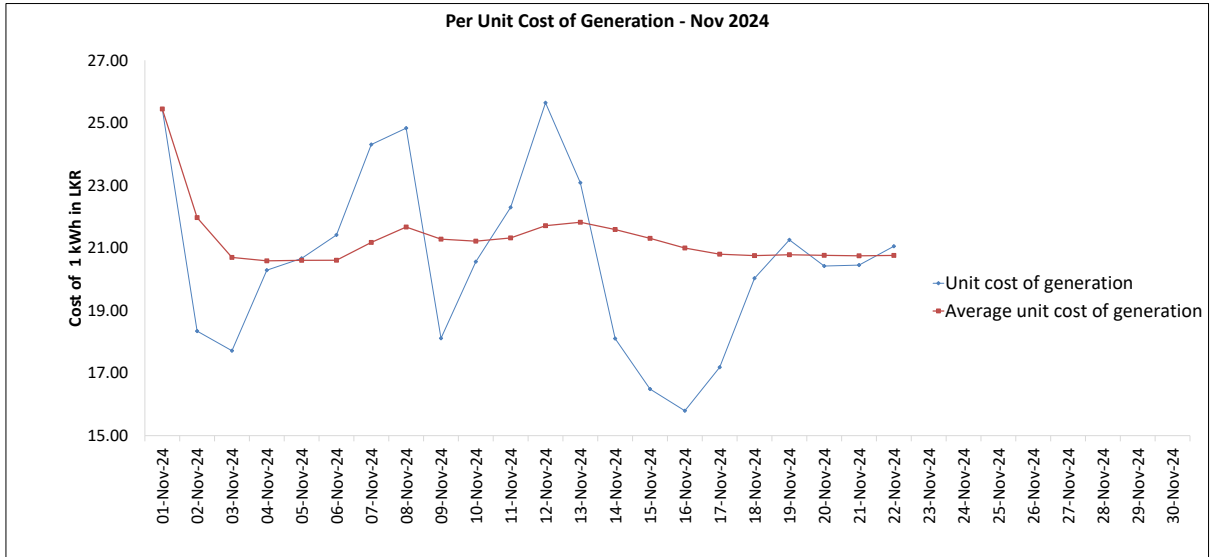
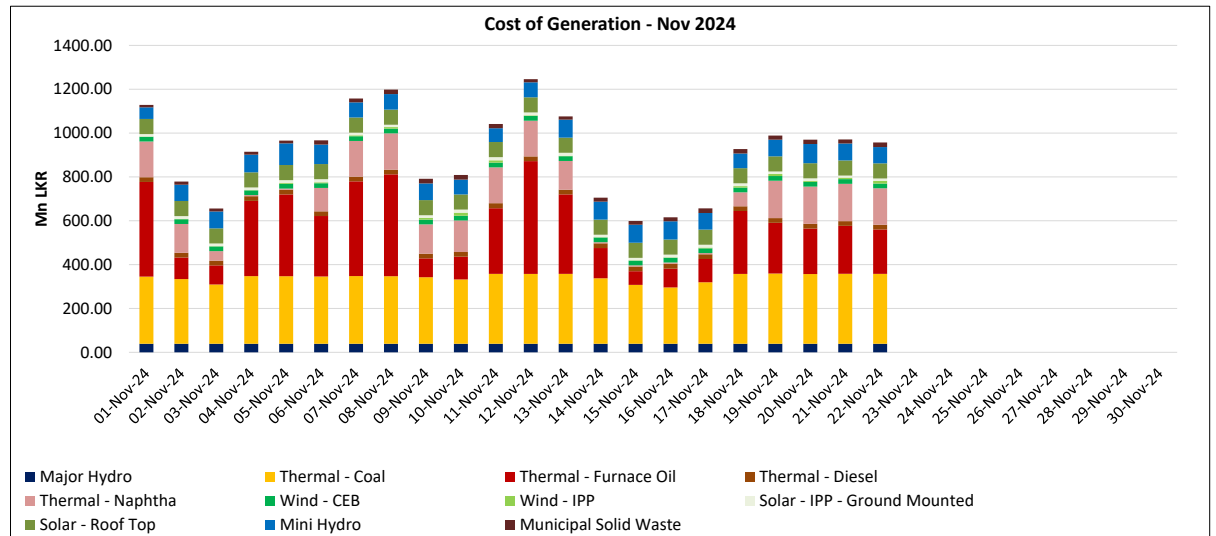
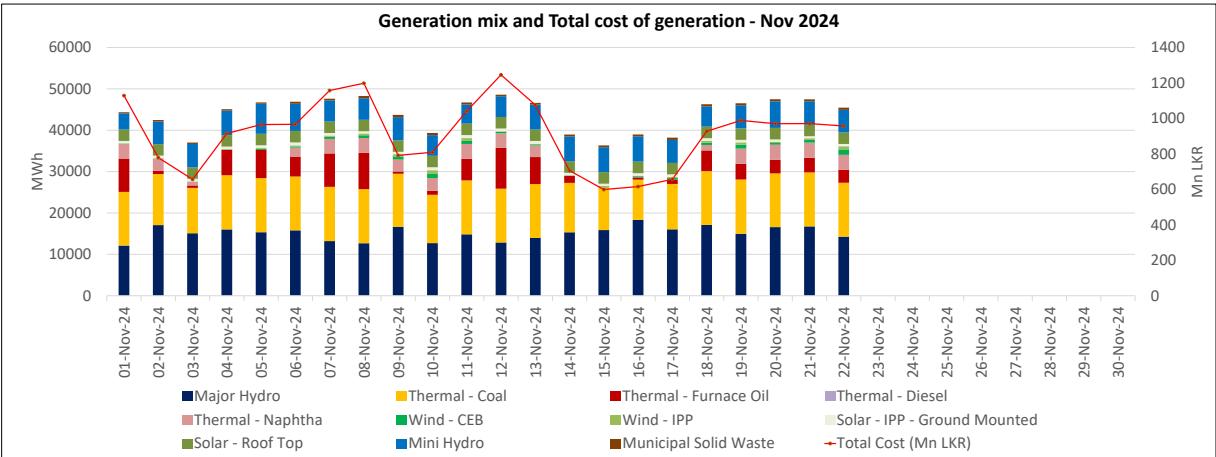
Plant Type	Generation (GWh)	Percentage
Major Hydro	15.9	36%
Thermal - Coal	13.0	30%
Thermal - Furnace Oil	3.6	8%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	3.6	8%
Wind - CEB	1.0	2%
Wind - IPP		
BMP	0.5	1%
Solar	0.4	1%
Mini Hydro	5.6	13%
Total	43.58	

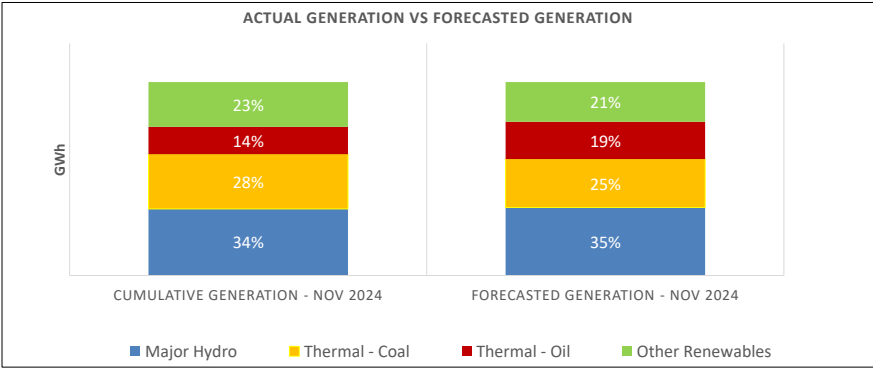
Estimated Generation Cost for the Scheduled Dispatch (Excluding non telemetered NCRE plants) 898 Mn LKR

Actual Generation Mix - 22nd Nov 2024 (Excluding generation from non telemetered power plants)

Plant Type	Generation (GWh)	Percentage
Major Hydro	14.3	34%
Thermal - Coal	13.0	31%
Thermal - Furnace Oil	3.2	7%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	3.6	9%
Wind - CEB	1.3	3%
Wind - IPP	0.8	2%
BMP	0.5	1.3%
Solar	0.6	1%
Mini Hydro	5.2	12%
Total	42.38	

Estimated Generation Cost for the Actual Dispatch (Excluding non telemetered NCRE plants) 884 Mn LKR





	Cumulative Generation - Nov 2024 [GWh]	Forecasted Generation - Nov 2024 [GWh]
Major Hydro	334	478
Thermal - Coal	273	338
Thermal - Oil	138	263
Other Renewables	224	278
Total	969	1357

Forecasted Generation - SDDP Oct 2024

Estimated Cost of Generation - Nov 2024 (Mn LKR)

Major Hydro	859	Mn LKR
Thermal - Coal	6,665	Mn LKR
Thermal - Furnace Oil	5,410	Mn LKR
Thermal - Diesel	476	Mn LKR
Thermal - Naphtha	2,279	Mn LKR
Wind - CEB	474	Mn LKR
Wind - IPP	112	Mn LKR
Solar - IPP - Ground Mounted	269	Mn LKR
Solar - Roof Top	1,518	Mn LKR
Mini Hydro	1,673	Mn LKR
Municipal Solid Waste	386	Mn LKR
Total Generation Cost	20,121	Mn LKR

Generation Energy Cost (Nov)	15,122	Mn LKR
*Generation Capacity Cost (Nov)	4,008	Mn LKR
Other Cost (Nov)	914	Mn LKR
Average Unit Cost of Generation (Nov)	20.76	LKR/kWh

Note -
* Capacity cost is based on the approved BST submission.