



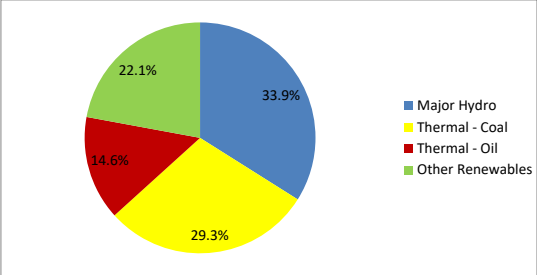
Daily Electricity Generation & Cost Estimation Report

3rd January 2025



Daily Generation Mix - 3rd January 2025

Plant Type	Generation (GWh)	Percentage
Major Hydro	15.05	33.9%
Thermal - Coal	13.01	29.3%
Thermal - Furnace Oil	2.94	6.6%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	3.54	8.0%
Wind - CEB	1.21	2.7%
Wind - IPP	1.00	2.3%
Solar - IPP - Ground Mounted	0.59	1.3%
Solar - Roof Top	2.76	6.2%
Mini Hydro	3.72	8.4%
Municipal Solid Waste	0.52	1.2%
Total	44.34	



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

Estimated Generation Cost : 3rd January 2025

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	38.2	38.2	0.00	0.00	2.54	2.54
Thermal - Coal	254.0	27.5	45.0	326.5	19.53	2.11	3.46	25.10
Thermal - Furnace Oil	131.3	9.4	51.7	192.4	44.69	3.19	17.58	65.47
Thermal - Diesel	0.0	1.5	19.8	21.2	0.00	0.00	0.00	0.00
Thermal - Naphtha	158.5	1.9	3.3	163.6	44.74	0.54	0.92	46.20
Wind - CEB	0.0	0.0	20.9	20.9	0.00	0.00	17.25	17.25
Wind - IPP	15.5	0.0	0.0	15.5	15.54	0.00	0.00	15.54
Solar - IPP - Ground Mounted	11.5	0.0	0.0	11.5	19.47	0.00	0.00	19.47
Solar - Roof Top	73.0	0.0	0.0	73.0	26.47	0.00	0.00	26.47
Mini Hydro	51.2	0.0	0.0	51.2	13.76	0.00	0.00	13.76
Municipal Solid Waste	20.5	0.0	0.0	20.5	39.48	0.00	0.00	39.48
Total	715.6	40.2	178.8	934.6	16.14	0.91	4.03	21.08

Note -

Start/Stop costs has been excluded in the calculation

Capacity cost is based on the approved BST submission 2024 (December figures)

Unit Cost of Generation for the day : 21.08 LKR/kWh
Total Generation Cost for the day: 934.59 Mn LKR

Fuel Prices

(as at 9th Dec 2024)

	Price (LKR/Liter or LKR/kg)
Furnace	199.00
Coal	47.57
Naphtha	166.00
Auto Diesel	286.00

Scheduled (Day Ahead) Generation Mix - 3rd Jan 2025 (Excluding generation from non telemetered power plants)

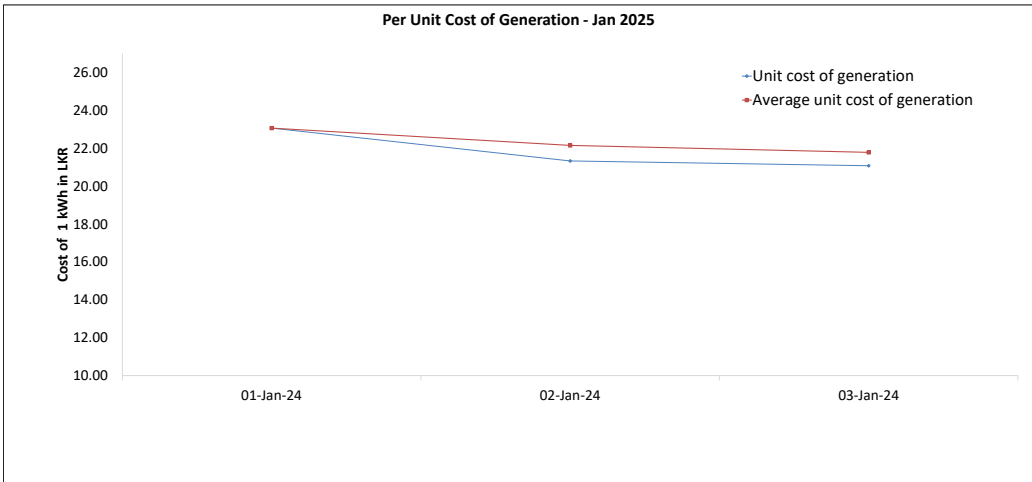
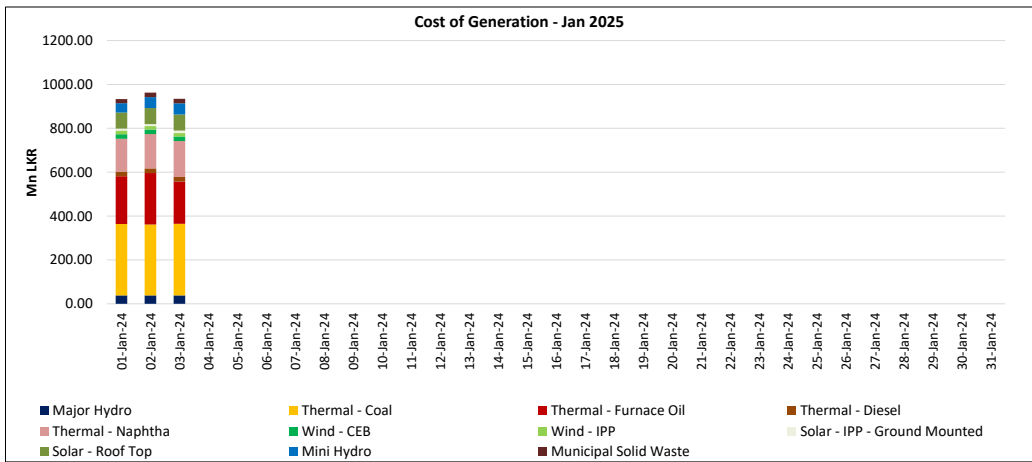
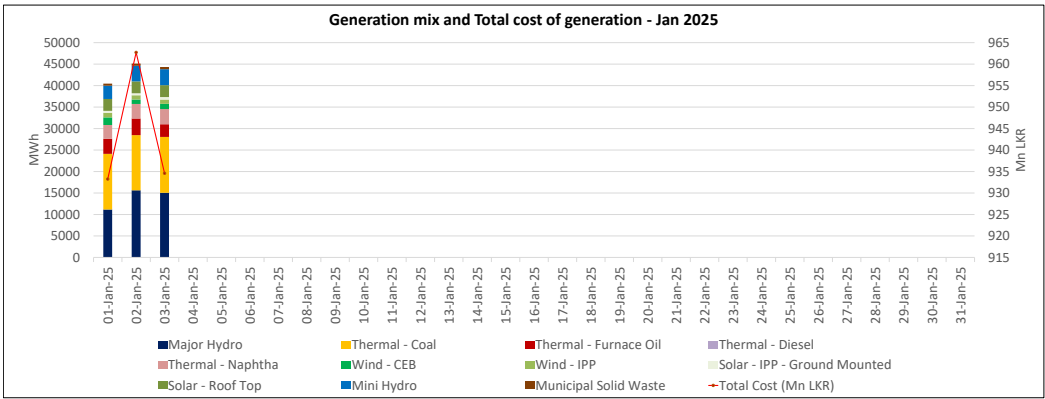
Plant Type	Generation (GWh)	Percentage
Major Hydro	17.8	41%
Thermal - Coal	13.0	30%
Thermal - Furnace Oil	4.2	10%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	3.6	8%
Wind - CEB	1.1	3%
Wind - IPP		
BMP	0.5	1%
Solar	0.4	1%
Mini Hydro	3.0	7%
Total	43.54	

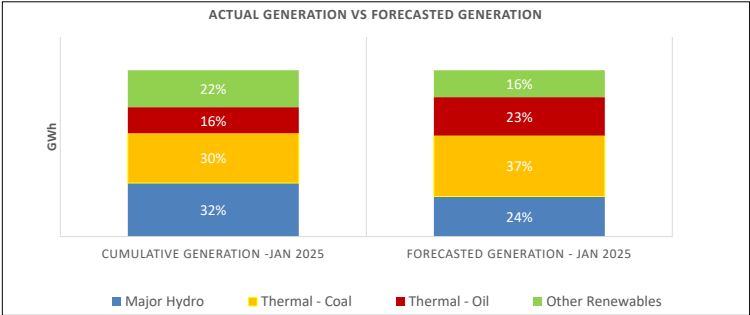
Estimated Generation Cost for the Scheduled Dispatch (Excluding non telemetered NCRE plants) 897 Mn LKR

Actual Generation Mix - 3rd Jan 2025 (Excluding generation from non telemetered power plants)

Plant Type	Generation (GWh)	Percentage
Major Hydro	15.1	36%
Thermal - Coal	13.0	31%
Thermal - Furnace Oil	2.9	7%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	3.5	9%
Wind - CEB	1.2	3%
Wind - IPP	1.0	2%
BMP	0.5	1.3%
Solar	0.6	1%
Mini Hydro	3.5	8%
Total	41.37	

Estimated Generation Cost for the Actual Dispatch (Excluding non telemetered NCRE plants) 859 Mn LKR





	Cumulative Generation - Jan 2025	Forecasted Generation - Jan 2025
Major Hydro	42	341
Thermal - Coal	39	519
Thermal - Oil	20	328
Other Renewables	29	229
Total	130	1,417

Forecasted Generation - SDDP Dec 2024

Estimated Cost of Generation - Jan 2025 (Mn LKR)

Major Hydro	115	Mn LKR
Thermal - Coal	975	Mn LKR
Thermal - Furnace Oil	645	Mn LKR
Thermal - Diesel	64	Mn LKR
Thermal - Naphtha	469	Mn LKR
Wind - CEB	63	Mn LKR
Wind - IPP	47	Mn LKR
Solar - IPP - Ground Mounted	30	Mn LKR
Solar - Roof Top	219	Mn LKR
Mini Hydro	144	Mn LKR
Municipal Solid Waste	60	Mn LKR
Total Generation Cost	2,831	Mn LKR

Generation Energy Cost (Jan)	2,174	Mn LKR
*Generation Capacity Cost (Jan)	536	Mn LKR
Other Cost (Jan)	121	Mn LKR
Average Unit Cost of Generation (Jan)	21.78	LKR/kWh

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