



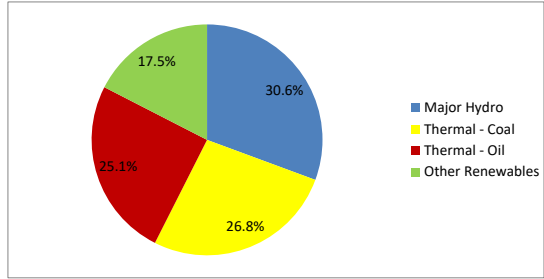
Daily Electricity Generation & Cost Estimation Report

9th January 2025



Daily Generation Mix - 9th January 2025

Plant Type	Generation (GWh)	Percentage
Major Hydro	14.79	30.6%
Thermal - Coal	12.95	26.8%
Thermal - Furnace Oil	8.49	17.6%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	3.62	7.5%
Wind - CEB	0.87	1.8%
Wind - IPP	0.70	1.4%
Solar - IPP - Ground Mounted	0.56	1.2%
Solar - Roof Top	2.91	6.0%
Mini Hydro	3.21	6.6%
Municipal Solid Waste	0.19	0.4%
Total	48.29	



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

Estimated Generation Cost : 9th 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	2.58	2.58
Thermal - Coal	253.4	27.5	45.0	325.9	19.57	2.12	3.48	25.16
Thermal - Furnace Oil	387.5	9.4	51.7	448.5	45.62	1.10	6.08	52.81
Thermal - Diesel	0.0	1.5	19.8	21.2	0.00	0.00	0.00	0.00
Thermal - Naphtha	161.9	1.9	3.3	167.1	44.74	0.53	0.90	46.17
Wind - CEB	0.0	0.0	20.9	20.9	0.00	0.00	24.11	24.11
Wind - IPP	10.9	0.0	0.0	10.9	15.54	0.00	0.00	15.54
Solar - IPP - Ground Mounted	10.9	0.0	0.0	10.9	19.47	0.00	0.00	19.47
Solar - Roof Top	77.0	0.0	0.0	77.0	26.47	0.00	0.00	26.47
Mini Hydro	44.1	0.0	0.0	44.1	13.76	0.00	0.00	13.76
Municipal Solid Waste	7.4	0.0	0.0	7.4	39.48	0.00	0.00	39.48
Total	953.1	40.2	178.8	1172.2	19.74	0.83	3.70	24.28

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 :

24.28 LKR/kWh

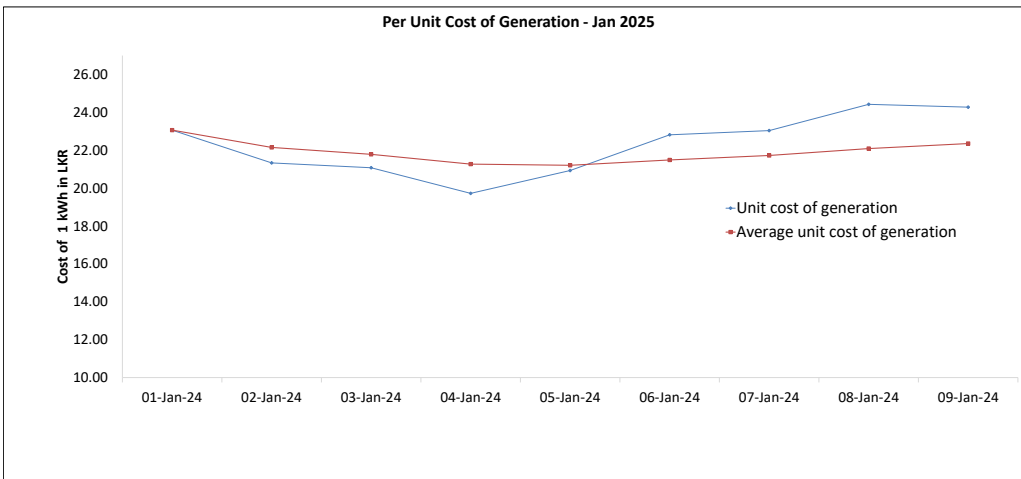
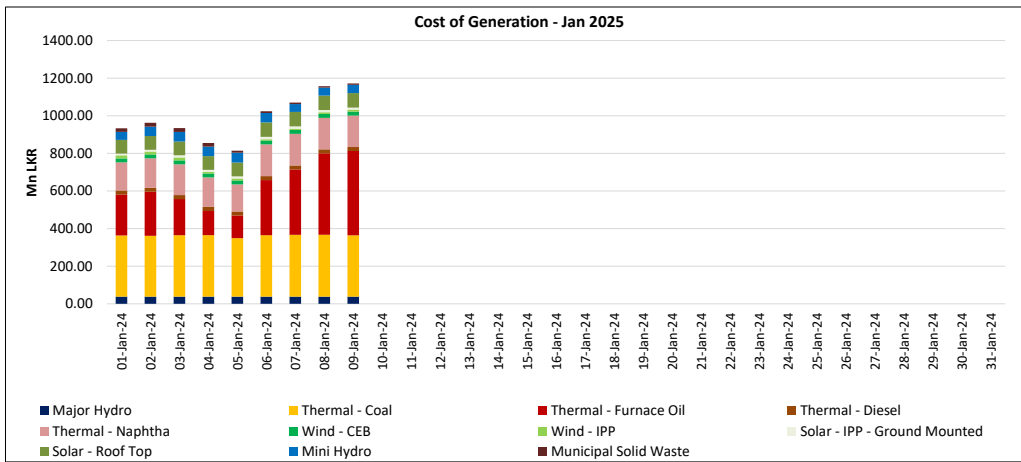
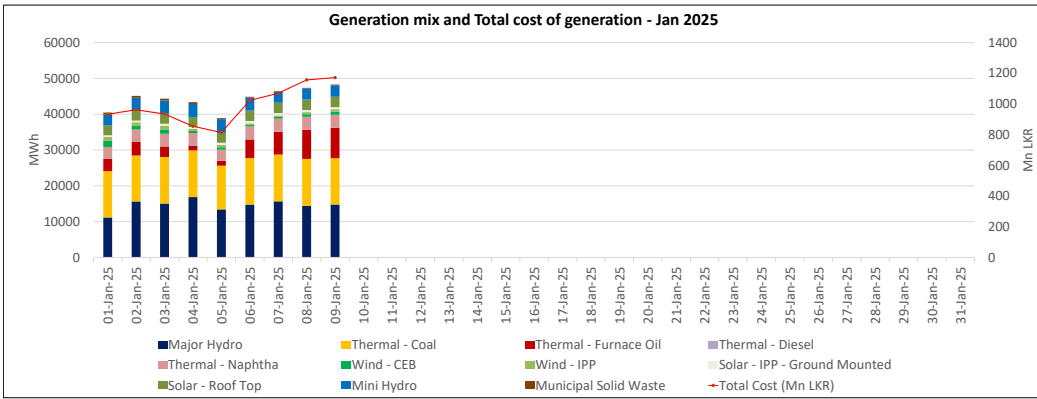
Total Generation Cost for the day:

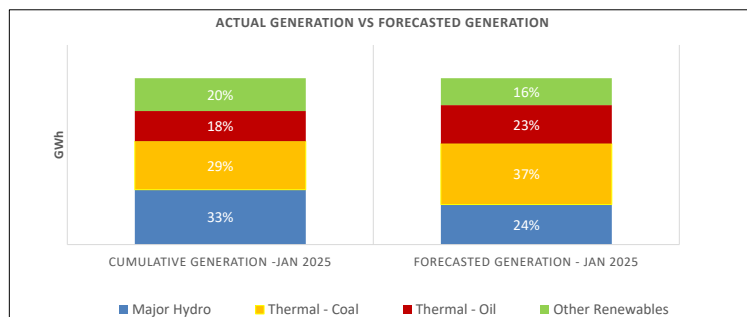
1172.15 Mn LKR

Fuel Prices

(as at 6th Jan 2025)

	Price (LKR/Liter or LKR/kg)
Furnace	199.00
Coal	47.66
Naphtha	166.00
Auto Diesel	286.00





	Cumulative Generation - Jan 2025	Forecasted Generation - Jan 2025
Major Hydro	132	341
Thermal - Coal	116	519
Thermal - Oil	73	328
Other Renewables	79	229
Total	399	1,417

Forecasted Generation - SDOP Dec 2024

Estimated Cost of Generation - Jan 2025 (Mn LKR)

Major Hydro	344 Mn LKR
Thermal - Coal	2,923 Mn LKR
Thermal - Furnace Oil	2,417 Mn LKR
Thermal - Diesel	193 Mn LKR
Thermal - Naphtha	1,440 Mn LKR
Wind - CEB	188 Mn LKR
Wind - IPP	100 Mn LKR
Solar - IPP - Ground Mounted	100 Mn LKR
Solar - Roof Top	673 Mn LKR
Mini Hydro	425 Mn LKR
Municipal Solid Waste	121 Mn LKR
Total Generation Cost	8,924 Mn LKR

Generation Energy Cost (Jan)	6,953 Mn LKR
*Generation Capacity Cost (Jan)	1,609 Mn LKR
Other Cost (Jan)	362 Mn LKR
Average Unit Cost of Generation (Jan)	22.35 LKR/kWh

Note -

* Capacity cost is based on the approved BST submission.