



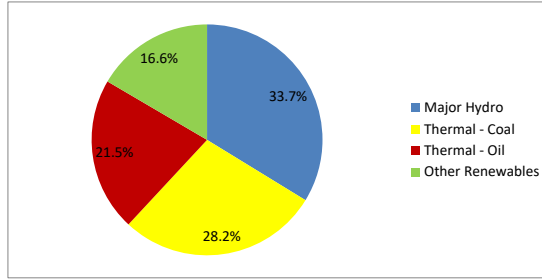
Daily Electricity Generation & Cost Estimation Report

7th January 2025



Daily Generation Mix - 7th January 2025

Plant Type	Generation (GWh)	Percentage
Major Hydro	15.68	33.7%
Thermal - Coal	13.09	28.2%
Thermal - Furnace Oil	6.36	13.7%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	3.64	7.8%
Wind - CEB	0.50	1.1%
Wind - IPP	0.42	0.9%
Solar - IPP - Ground Mounted	0.64	1.4%
Solar - Roof Top	2.91	6.3%
Mini Hydro	3.02	6.5%
Municipal Solid Waste	0.20	0.4%
Total	46.45	



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

Estimated Generation Cost : 7th 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	2.44	2.44
Thermal - Coal	256.0	27.5	45.0	328.5	19.57	2.10	3.44	25.11
Thermal - Furnace Oil	286.8	9.4	51.7	347.9	45.13	1.48	8.13	54.74
Thermal - Diesel	0.0	1.5	19.8	21.2	0.00	0.00	0.00	0.00
Thermal - Naphtha	163.0	1.9	3.3	168.2	44.74	0.53	0.90	46.16
Wind - CEB	0.0	0.0	20.9	20.9	0.00	0.00	41.43	41.43
Wind - IPP	6.5	0.0	0.0	6.5	15.54	0.00	0.00	15.54
Solar - IPP - Ground Mounted	12.5	0.0	0.0	12.5	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	41.6	0.0	0.0	41.6	13.76	0.00	0.00	13.76
Municipal Solid Waste	7.8	0.0	0.0	7.8	39.48	0.00	0.00	39.48
Total	851.2	40.2	178.8	1070.2	18.32	0.87	3.85	23.04

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 : **23.04 LKR/kWh**
 Total Generation Cost for the day: **1070.22 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

Scheduled (Day Ahead) Generation Mix - 7th Jan 2025 (Excluding generation from non telemetered power plants)

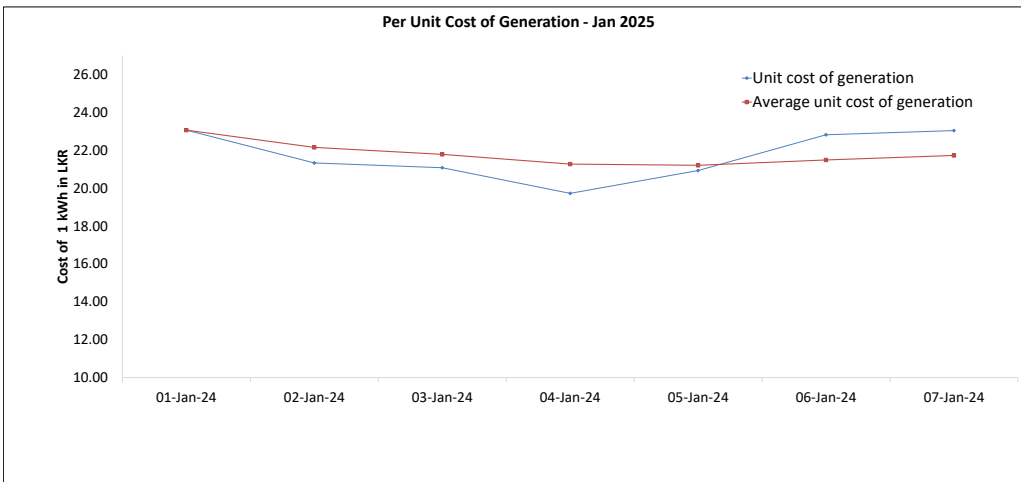
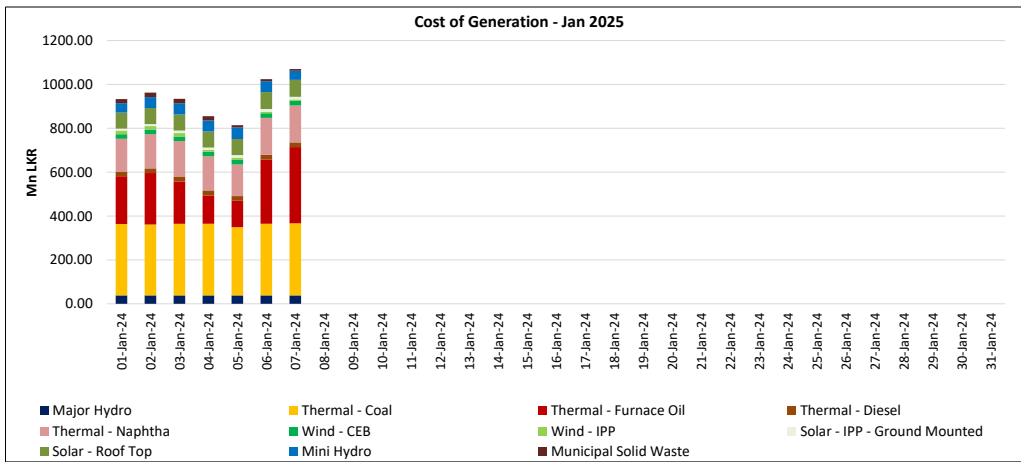
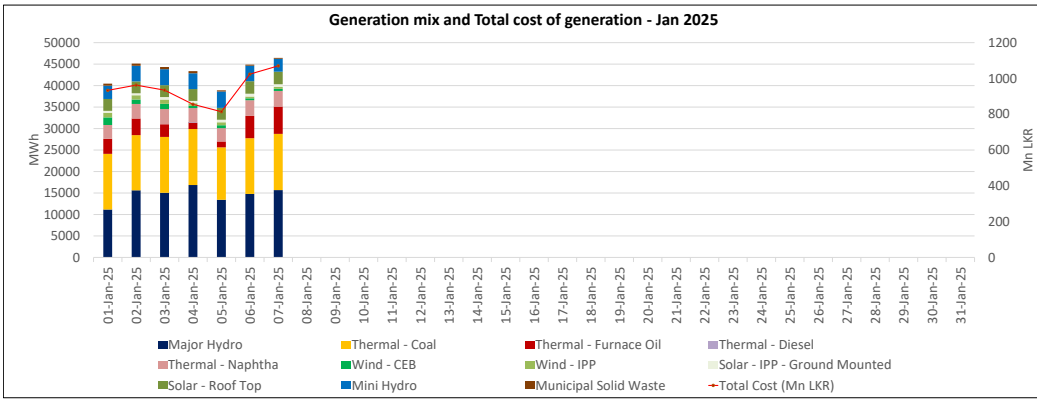
Plant Type	Generation (GWh)	Percentage
Major Hydro	14.8	35%
Thermal - Coal	13.0	31%
Thermal - Furnace Oil	5.5	13%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	3.6	9%
Wind - CEB	0.8	2%
Wind - IPP		
BMP	0.3	1%
Solar	0.4	1%
Mini Hydro	3.6	9%
Total	41.87	

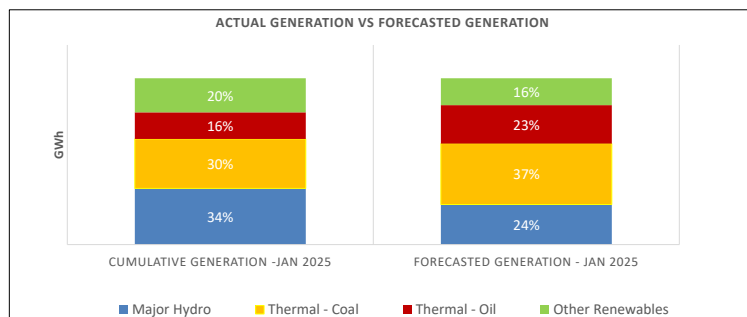
Estimated Generation Cost for the Scheduled Dispatch (Excluding non telemetered NCRE plants) **954 Mn LKR**

Actual Generation Mix - 7th Jan 2025 (Excluding generation from non telemetered power plants)

Plant Type	Generation (GWh)	Percentage
Major Hydro	15.7	36%
Thermal - Coal	13.1	30%
Thermal - Furnace Oil	6.4	15%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	3.6	8%
Wind - CEB	0.5	1%
Wind - IPP	0.4	1%
BMP	0.2	0.5%
Solar	0.6	1%
Mini Hydro	2.9	7%
Total	43.37	

Estimated Generation Cost for the Actual Dispatch (Excluding non telemetered NCRE plants) **991 Mn LKR**





	Cumulative Generation - Jan 2025	Forecasted Generation - Jan 2025
Major Hydro	103	341
Thermal - Coal	90	519
Thermal - Oil	49	328
Other Renewables	62	229
Total	304	1,417

Forecasted Generation - SDOP Dec 2024

Estimated Cost of Generation - Jan 2025 (Mn LKR)

Major Hydro	267 Mn LKR
Thermal - Coal	2,268 Mn LKR
Thermal - Furnace Oil	1,535 Mn LKR
Thermal - Diesel	151 Mn LKR
Thermal - Naphtha	1,106 Mn LKR
Wind - CEB	146 Mn LKR
Wind - IPP	80 Mn LKR
Solar - IPP - Ground Mounted	77 Mn LKR
Solar - Roof Top	519 Mn LKR
Mini Hydro	338 Mn LKR
Municipal Solid Waste	107 Mn LKR
Total Generation Cost	6,594 Mn LKR

Generation Energy Cost (Jan)	5,061 Mn LKR
*Generation Capacity Cost (Jan)	1,252 Mn LKR
Other Cost (Jan)	281 Mn LKR
Average Unit Cost of Generation (Jan)	21.73 LKR/kWh

Note -

* Capacity cost is based on the approved BST submission.