



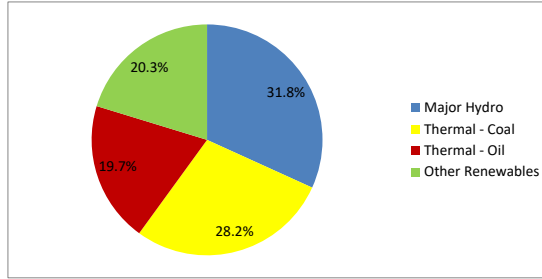
Daily Electricity Generation & Cost Estimation Report

12th January 2025



Daily Generation Mix - 12th January 2025

Plant Type	Generation (GWh)	Percentage
Major Hydro	14.60	31.8%
Thermal - Coal	12.97	28.2%
Thermal - Furnace Oil	5.41	11.8%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	3.65	7.9%
Wind - CEB	1.14	2.5%
Wind - IPP	1.05	2.3%
Solar - IPP - Ground Mounted	0.43	0.9%
Solar - Roof Top	2.91	6.3%
Mini Hydro	3.53	7.7%
Municipal Solid Waste	0.25	0.5%
Total	45.94	



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

Estimated Generation Cost : 12th 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	2.62	2.62
Thermal - Coal	253.7	27.5	45.0	326.2	19.57	2.12	3.47	25.16
Thermal - Furnace Oil	242.7	9.4	51.7	303.8	44.86	1.73	9.55	56.15
Thermal - Diesel	0.0	1.5	19.8	21.2	0.00	0.00	0.00	0.00
Thermal - Naphtha	163.2	1.9	3.3	168.4	44.74	0.53	0.89	46.16
Wind - CEB	0.0	0.0	20.9	20.9	0.00	0.00	18.28	18.28
Wind - IPP	16.4	0.0	0.0	16.4	15.54	0.00	0.00	15.54
Solar - IPP - Ground Mounted	8.4	0.0	0.0	8.4	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	48.6	0.0	0.0	48.6	13.76	0.00	0.00	13.76
Municipal Solid Waste	9.8	0.0	0.0	9.8	39.48	0.00	0.00	39.48
Total	819.7	40.2	178.8	1038.8	17.84	0.88	3.89	22.61

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 : **22.61 LKR/kWh**
 Total Generation Cost for the day: **1038.76 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 - 12th Jan 2025 (Excluding generation from non telemetered power plants)

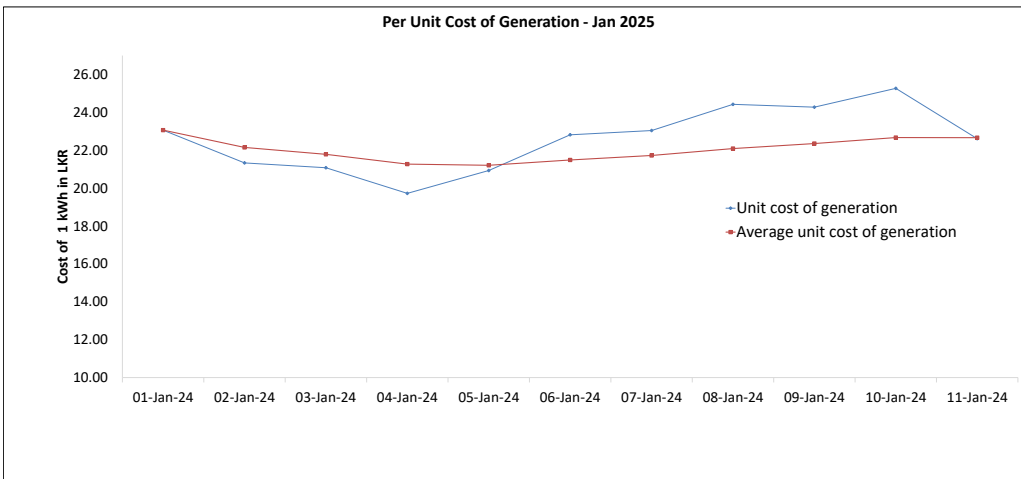
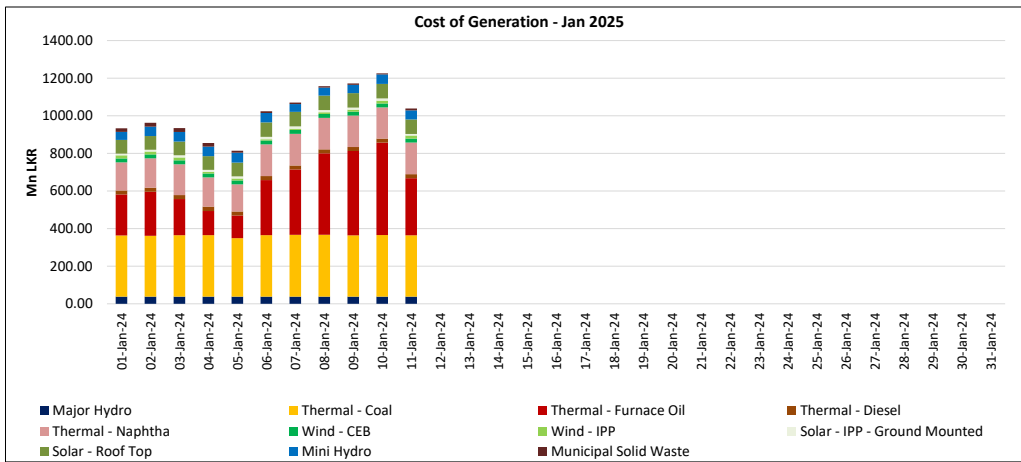
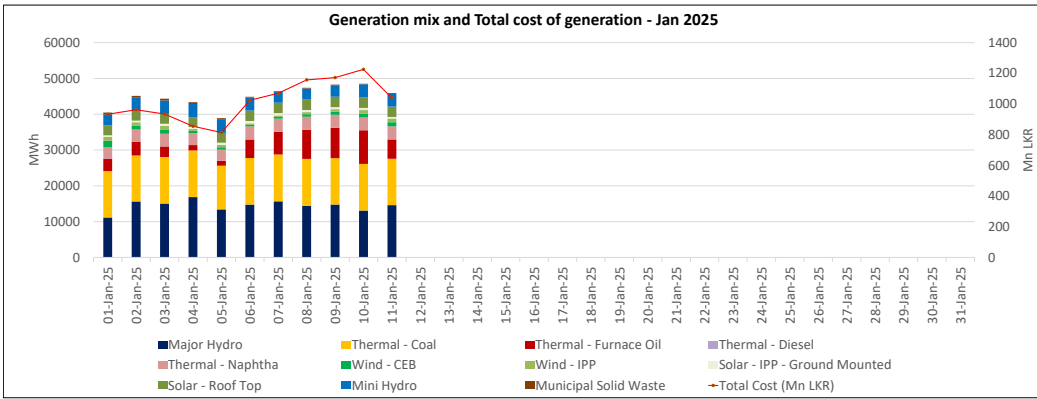
Plant Type	Generation (GWh)	Percentage
Major Hydro	12.9	30%
Thermal - Coal	13.0	30%
Thermal - Furnace Oil	7.1	17%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	3.6	8%
Wind - CEB	1.9	4%
Wind - IPP		
BMP	0.2	0%
Solar	0.4	1%
Mini Hydro	3.5	8%
Total	42.51	

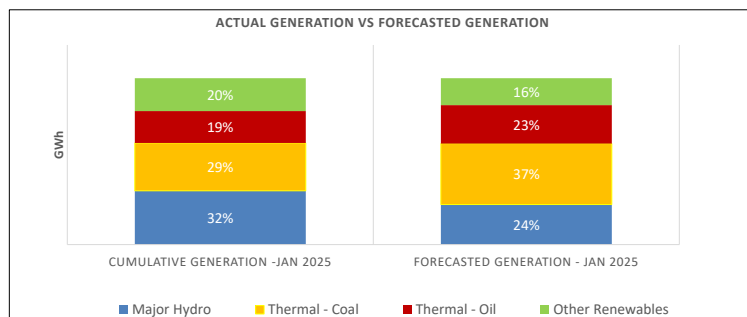
Actual Generation Mix - 12th Jan 2025 (Excluding generation from non telemetered power plants)

Plant Type	Generation (GWh)	Percentage
Major Hydro	14.6	34%
Thermal - Coal	13.0	30%
Thermal - Furnace Oil	5.4	13%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	3.6	9%
Wind - CEB	1.1	3%
Wind - IPP	1.1	2%
BMP	0.2	0.6%
Solar	0.4	1%
Mini Hydro	3.3	8%
Total	42.83	

Estimated Generation Cost for the Scheduled Dispatch (Excluding non telemetered NCRE plants) **1.036 Mn LKR**

Estimated Generation Cost for the Actual Dispatch (Excluding non telemetered NCRE plants) **959 Mn LKR**





	Cumulative Generation - Jan 2025	Forecasted Generation - Jan 2025
Major Hydro	159	341
Thermal - Coal	142	519
Thermal - Oil	95	328
Other Renewables	97	229
Total	494	1,417

Forecasted Generation - SDOP Dec 2024

Estimated Cost of Generation - Jan 2025 (Mn LKR)

Major Hydro	420 Mn LKR
Thermal - Coal	3,577 Mn LKR
Thermal - Furnace Oil	3,213 Mn LKR
Thermal - Diesel	236 Mn LKR
Thermal - Naphtha	1,774 Mn LKR
Wind - CEB	230 Mn LKR
Wind - IPP	131 Mn LKR
Solar - IPP - Ground Mounted	120 Mn LKR
Solar - Roof Top	827 Mn LKR
Mini Hydro	524 Mn LKR
Municipal Solid Waste	137 Mn LKR
Total Generation Cost	11,188 Mn LKR

Generation Energy Cost (Jan)	8,779 Mn LKR
*Generation Capacity Cost (Jan)	1,967 Mn LKR
Other Cost (Jan)	442 Mn LKR
Average Unit Cost of Generation (Jan)	22.66 LKR/kWh

Note -

* Capacity cost is based on the approved BST submission.