



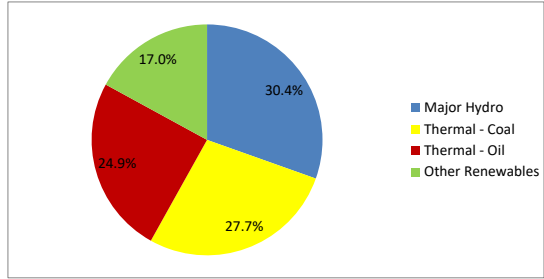
Daily Electricity Generation & Cost Estimation Report

8th January 2025



Daily Generation Mix - 8th January 2025

Plant Type	Generation (GWh)	Percentage
Major Hydro	14.42	30.4%
Thermal - Coal	13.10	27.7%
Thermal - Furnace Oil	8.16	17.2%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	3.62	7.6%
Wind - CEB	0.70	1.5%
Wind - IPP	0.60	1.3%
Solar - IPP - Ground Mounted	0.59	1.2%
Solar - Roof Top	2.91	6.1%
Mini Hydro	3.10	6.5%
Municipal Solid Waste	0.18	0.4%
Total	47.38	



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

Estimated Generation Cost : 8th 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	2.65	2.65
Thermal - Coal	256.4	27.5	45.0	328.9	19.57	2.09	3.44	25.10
Thermal - Furnace Oil	372.3	9.4	51.7	433.3	45.64	1.15	6.34	53.13
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	29.78	29.78
Wind - IPP	9.3	0.0	0.0	9.3	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	77.0	0.0	0.0	77.0	26.47	0.00	0.00	26.47
Mini Hydro	42.6	0.0	0.0	42.6	13.76	0.00	0.00	13.76
Municipal Solid Waste	7.2	0.0	0.0	7.2	39.48	0.00	0.00	39.48
Total	938.2	40.2	178.8	1157.2	19.80	0.85	3.77	24.43

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 : **24.43 LKR/kWh**
 Total Generation Cost for the day: **1157.24 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 - 8th Jan 2025 (Excluding generation from non telemetered power plants)

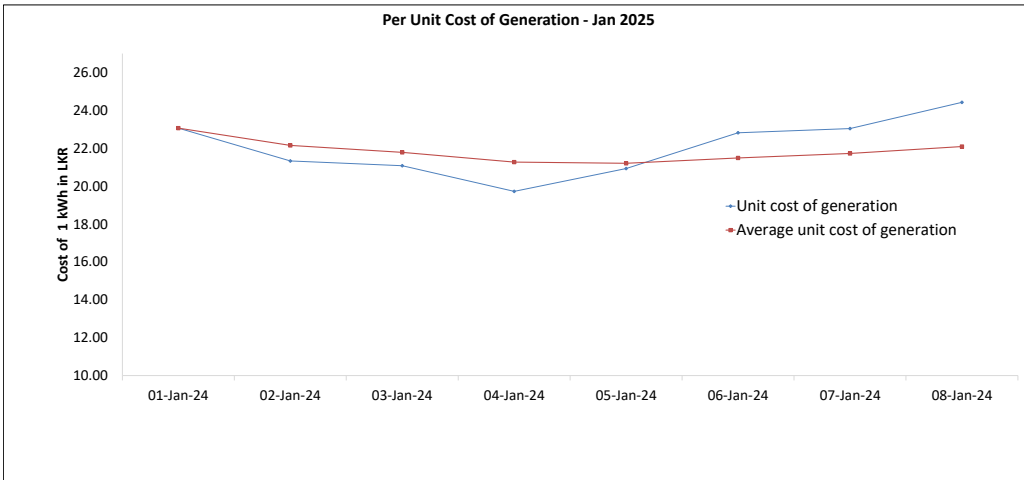
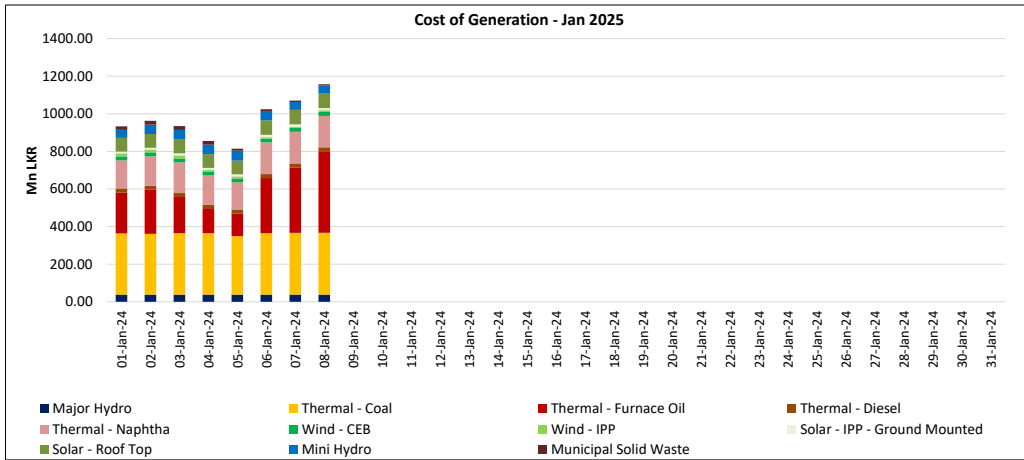
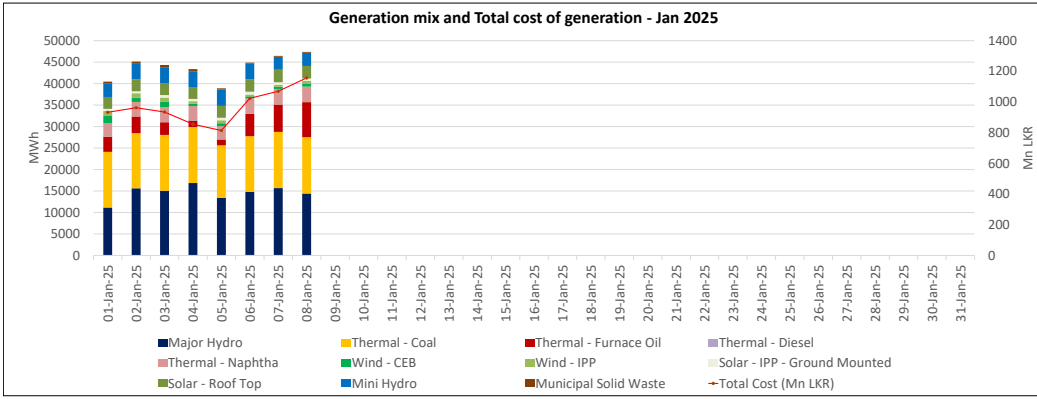
Plant Type	Generation (GWh)	Percentage
Major Hydro	13.6	32%
Thermal - Coal	13.0	30%
Thermal - Furnace Oil	7.6	18%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	3.6	8%
Wind - CEB	0.8	2%
Wind - IPP		
BMP	0.2	1%
Solar	0.5	1%
Mini Hydro	3.4	8%
Total	42.62	

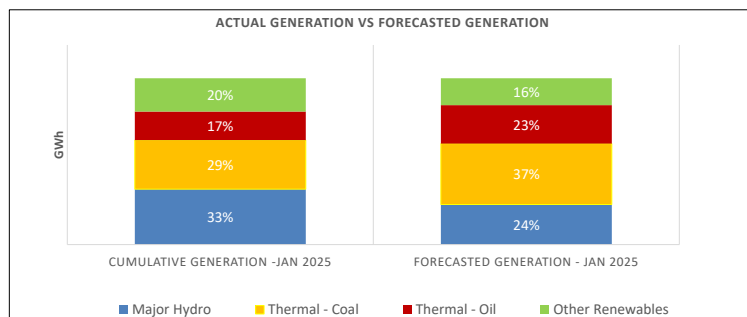
Actual Generation Mix - 8th Jan 2025 (Excluding generation from non telemetered power plants)

Plant Type	Generation (GWh)	Percentage
Major Hydro	14.4	33%
Thermal - Coal	13.1	30%
Thermal - Furnace Oil	8.2	18%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	3.6	8%
Wind - CEB	0.7	2%
Wind - IPP	0.6	1%
BMP	0.2	0.4%
Solar	0.6	1%
Mini Hydro	2.8	6%
Total	44.17	

Estimated Generation Cost for the Scheduled Dispatch (Excluding non telemetered NCRE plants) **1,052 Mn LKR**

Estimated Generation Cost for the Actual Dispatch (Excluding non telemetered NCRE plants) **1,076 Mn LKR**





	Cumulative Generation - Jan 2025	Forecasted Generation - Jan 2025
Major Hydro	117	341
Thermal - Coal	103	519
Thermal - Oil	60	328
Other Renewables	70	229
Total	351	1,417

Forecasted Generation - SDOP Dec 2024

Estimated Cost of Generation - Jan 2025 (Mn LKR)

Major Hydro	306 Mn LKR
Thermal - Coal	2,597 Mn LKR
Thermal - Furnace Oil	1,968 Mn LKR
Thermal - Diesel	172 Mn LKR
Thermal - Naphtha	1,273 Mn LKR
Wind - CEB	167 Mn LKR
Wind - IPP	89 Mn LKR
Solar - IPP - Ground Mounted	89 Mn LKR
Solar - Roof Top	596 Mn LKR
Mini Hydro	381 Mn LKR
Municipal Solid Waste	114 Mn LKR
Total Generation Cost	7,752 Mn LKR

Generation Energy Cost (Jan)	5,999 Mn LKR
*Generation Capacity Cost (Jan)	1,431 Mn LKR
Other Cost (Jan)	322 Mn LKR
Average Unit Cost of Generation (Jan)	22.09 LKR/kWh

Note -

* Capacity cost is based on the approved BST submission.