



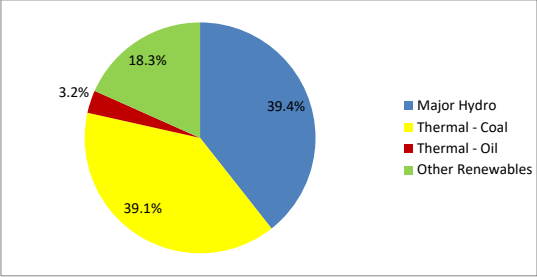
Daily Electricity Generation & Cost Estimation Report

28-Jan-25



Daily Generation Mix - 28th January 2025

Plant Type	Generation (GWh)	Percentage
Major Hydro	19.00	39.4%
Thermal - Coal	18.88	39.1%
Thermal - Furnace Oil	1.17	2.4%
Thermal - Diesel	0.06	0.1%
Thermal - Naphtha	0.30	0.6%
Wind - CEB	0.48	1.0%
Wind - IPP	0.42	0.9%
Solar - IPP - Ground Mounted	0.49	1.0%
Solar - Roof Top	3.27	6.8%
Mini Hydro	3.73	7.7%
Municipal Solid Waste	0.46	0.9%
Total	48.26	



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

Estimated Generation Cost : 28th 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	34.1	34.1	0.00	0.00	1.80	1.80
Thermal - Coal	369.5	10.6	34.9	414.9	19.57	0.56	1.85	21.97
Thermal - Furnace Oil	52.7	7.7	49.4	109.8	44.90	6.52	42.12	93.54
Thermal - Diesel	5.6	1.6	7.5	14.7	88.98	25.08	119.14	233.20
Thermal - Naphtha	13.3	1.0	3.3	17.6	44.74	3.35	11.12	59.21
Wind - CEB	0.0	0.0	17.8	17.8	0.00	0.00	37.31	37.31
Wind - IPP	6.5	0.0	0.0	6.5	15.54	0.00	0.00	15.54
Solar - IPP - Ground Mounted	9.5	0.0	0.0	9.5	19.47	0.00	0.00	19.47
Solar - Roof Top	86.6	0.0	0.0	86.6	26.47	0.00	0.00	26.47
Mini Hydro	51.3	0.0	0.0	51.3	13.76	0.00	0.00	13.76
Municipal Solid Waste	18.0	0.0	0.0	18.0	39.48	0.00	0.00	39.48
Total	613.1	20.8	147.1	780.9	12.70	0.43	3.05	16.18

Note -

Start/Stop costs has been excluded in the calculation

Capacity cost is based on the approved BST submission 2025

Unit Cost of Generation for the day : 16.18 LKR/kWh
Total Generation Cost for the day: 780.94 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 - 28th Jan 2025 (Excluding generation from non telemetered power plants)

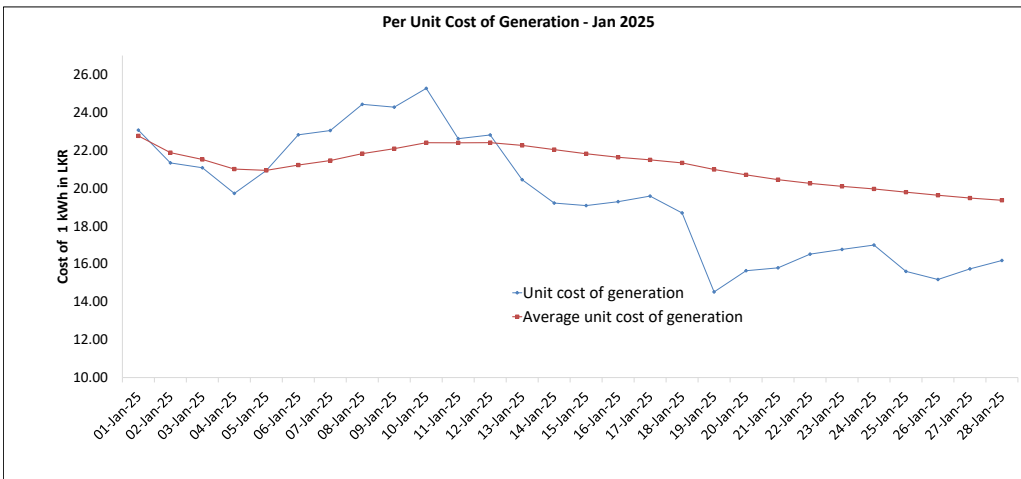
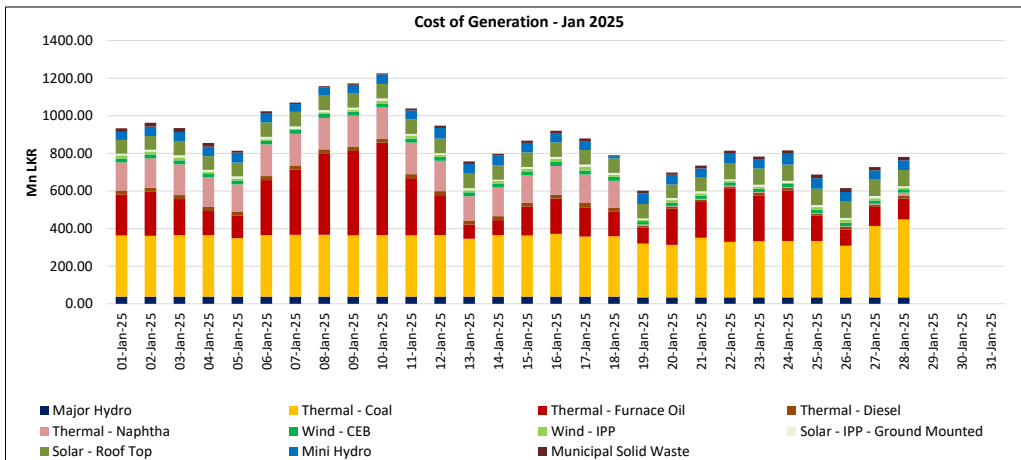
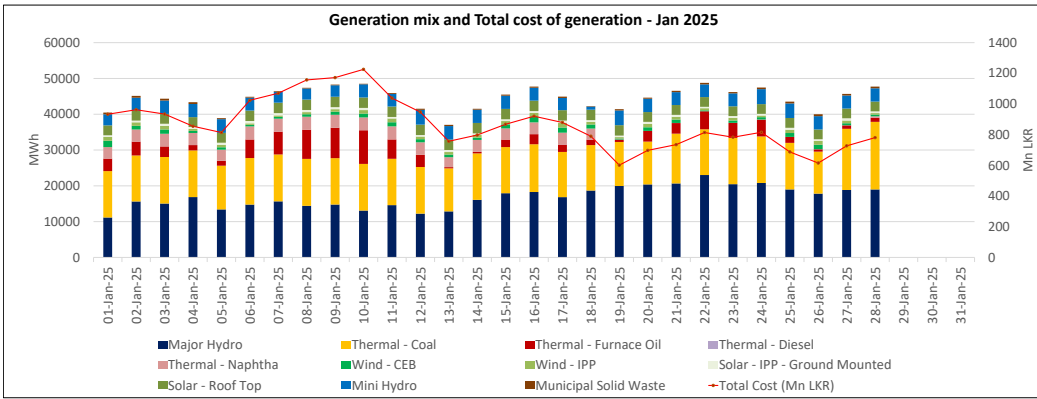
Plant Type	Generation (GWh)	Percentage
Major Hydro	17.9	42%
Thermal - Coal	19.3	45%
Thermal - Furnace Oil	1.2	3%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	0.0	0%
Wind - CEB	1.1	2%
Wind - IPP		
BMP	0.5	1%
Solar	0.5	1%
Mini Hydro	2.5	6%
Total	42.93	

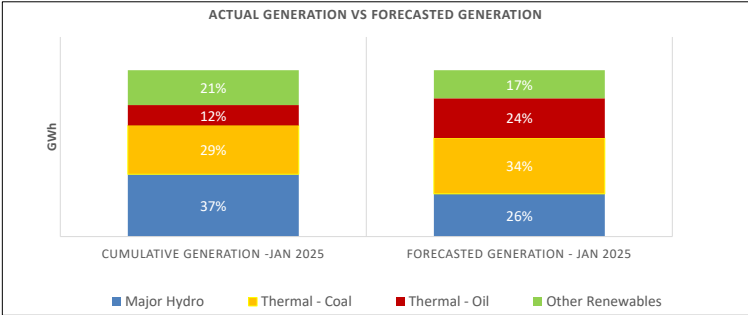
Estimated Generation Cost for the Scheduled Dispatch (Excluding non telemetered NCRE plants) 672 Mn LKR

Actual Generation Mix - 28th Jan 2025 (Excluding generation from non telemetered power plants)

Plant Type	Generation (GWh)	Percentage
Major Hydro	19.0	43%
Thermal - Coal	18.9	42%
Thermal - Furnace Oil	1.2	3%
Thermal - Diesel	0.1	0%
Thermal - Naphtha	0.3	1%
Wind - CEB	0.5	1%
Wind - IPP	0.4	1%
BMP	0.5	1.0%
Solar	0.5	1%
Mini Hydro	3.2	7%
Total	44.48	

Estimated Generation Cost for the Actual Dispatch (Excluding non telemetered NCRE plants) 687 Mn LKR





	Cumulative Generation - Jan 2025	Forecasted Generation - Jan 2025
Major Hydro	472	364
Thermal - Coal	369	476
Thermal - Oil	155	338
Other Renewables (including LECO RT est.)	264	239
Total	1,261	1,417

Forecasted Generation - SDOF Jan 2025

Estimated Cost of Generation - Jan 2025 (Mn LKR)

Major Hydro	1,029	Mn LKR
Thermal - Coal	8,984	Mn LKR
Thermal - Furnace Oil	5,903	Mn LKR
Thermal - Diesel	503	Mn LKR
Thermal - Naphtha	2,870	Mn LKR
Wind - CEB	554	Mn LKR
Wind - IPP	339	Mn LKR
Solar - IPP - Ground Mounted	287	Mn LKR
Solar - Roof Top	2,194	Mn LKR
Mini Hydro	1,366	Mn LKR
Municipal Solid Waste	380	Mn LKR
Total Generation Cost	24,408	Mn LKR

Generation Energy Cost (Jan)	18,787	Mn LKR
*Generation Capacity Cost (Jan)	4,690	Mn LKR
Other Cost (Jan)	932	Mn LKR

Average Unit Cost of Generation (Jan)	19.36	LKR/kWh
--	--------------	----------------

Note -

* Capacity cost is based on the approved BST submission.