



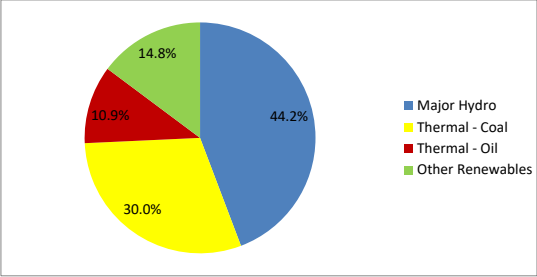
Daily Electricity Generation & Cost Estimation Report

18th January 2025



Daily Generation Mix - 18th January 2025

Plant Type	Generation (GWh)	Percentage
Major Hydro	18.70	44.2%
Thermal - Coal	12.70	30.0%
Thermal - Furnace Oil	1.52	3.6%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	3.11	7.3%
Wind - CEB	1.12	2.7%
Wind - IPP	0.72	1.7%
Solar - IPP - Ground Mounted	0.50	1.2%
Solar - Roof Top	2.91	6.9%
Mini Hydro	0.88	2.1%
Municipal Solid Waste	0.12	0.3%
Total	42.27	



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

Estimated Generation Cost : 18th 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	2.04	2.04
Thermal - Coal	248.4	27.5	45.0	320.9	19.57	2.16	3.55	25.28
Thermal - Furnace Oil	68.8	9.4	51.7	129.9	45.35	6.18	34.04	85.57
Thermal - Diesel	0.0	1.5	19.8	21.2	0.00	0.00	0.00	0.00
Thermal - Naphtha	138.9	1.9	3.3	144.1	44.74	0.62	1.05	46.41
Wind - CEB	0.0	0.0	20.9	20.9	0.00	0.00	18.61	18.61
Wind - IPP	11.3	0.0	0.0	11.3	15.54	0.00	0.00	15.54
Solar - IPP - Ground Mounted	9.7	0.0	0.0	9.7	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	12.1	0.0	0.0	12.1	13.76	0.00	0.00	13.76
Municipal Solid Waste	4.7	0.0	0.0	4.7	39.48	0.00	0.00	39.48
Total	571.0	40.2	178.8	790.0	13.51	0.95	4.23	18.69

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 : 18.69 LKR/kWh
Total Generation Cost for the day: 789.97 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 - 18th Jan 2025 (Excluding generation from non telemetered power plants)

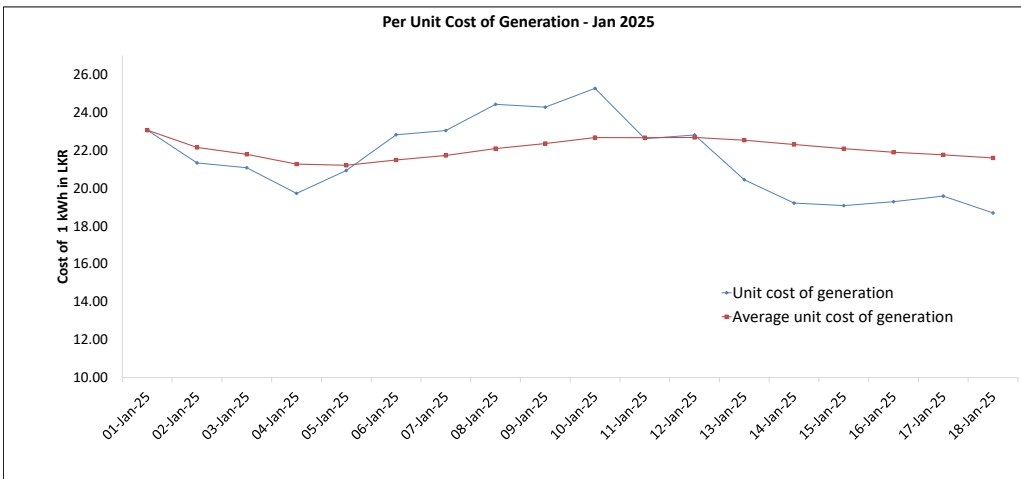
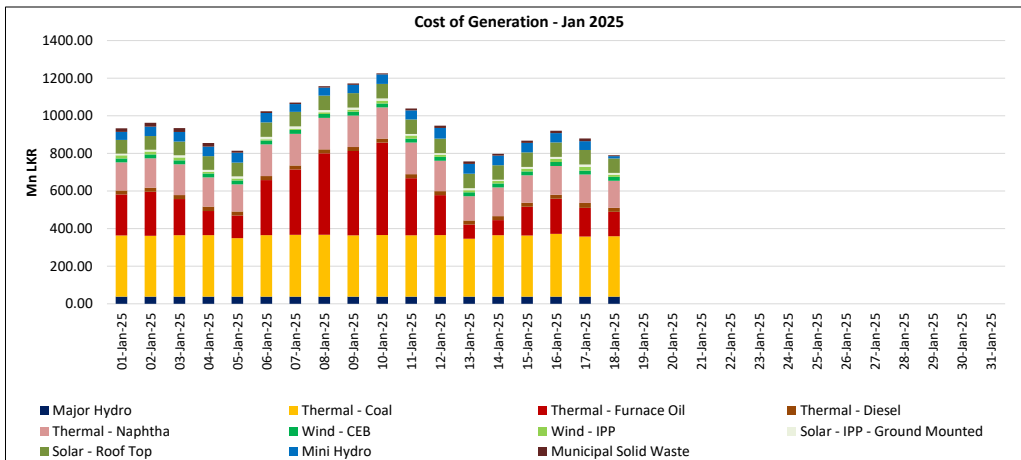
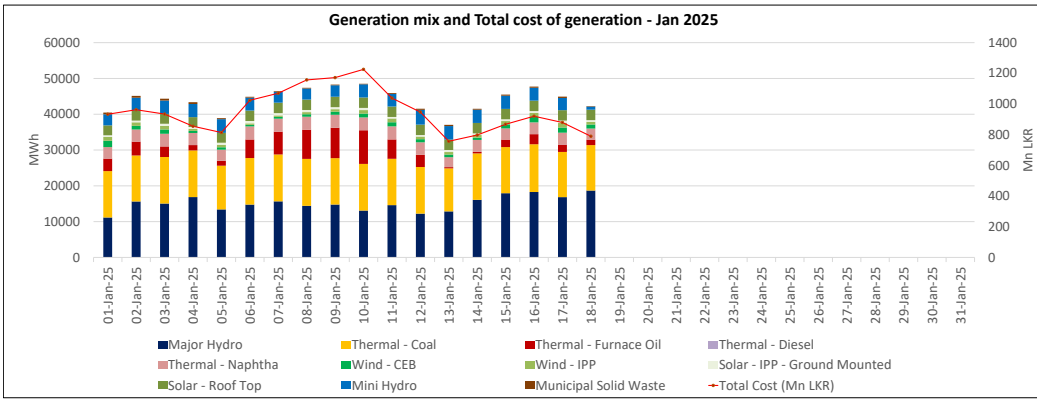
Plant Type	Generation (GWh)	Percentage
Major Hydro	18.7	45%
Thermal - Coal	12.1	29%
Thermal - Furnace Oil	1.7	4%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	3.1	7%
Wind - CEB	1.9	5%
Wind - IPP		
BMP	0.3	1%
Solar	0.2	0%
Mini Hydro	3.7	9%
Total	41.79	

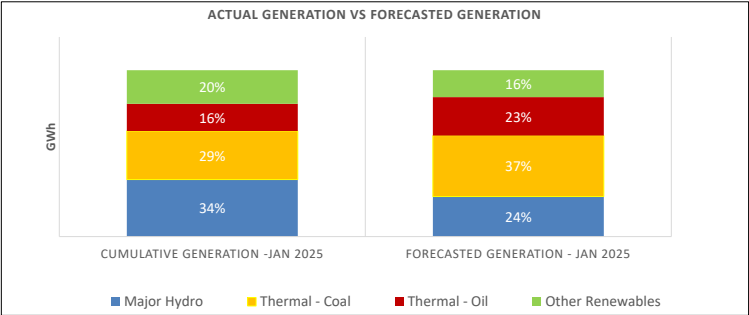
Estimated Generation Cost for the Scheduled Dispatch (Excluding non telemetered NCRE plants) 755 Mn LKR

Actual Generation Mix - 18th Jan 2025 (Excluding generation from non telemetered power plants)

Plant Type	Generation (GWh)	Percentage
Major Hydro	18.7	48%
Thermal - Coal	12.7	32%
Thermal - Furnace Oil	1.5	4%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	3.1	8%
Wind - CEB	1.1	3%
Wind - IPP	0.7	2%
BMP	0.1	0.3%
Solar	0.5	1%
Mini Hydro	0.8	2%
Total	39.31	

Estimated Generation Cost for the Actual Dispatch (Excluding non telemetered NCRE plants) 712 Mn LKR





	Cumulative Generation - Jan 2025	Forecasted Generation - Jan 2025
Major Hydro	272	341
Thermal - Coal	232	519
Thermal - Oil	130	328
Other Renewables	160	229
Total	794	1,417

Forecasted Generation - SDDP Dec 2024

Estimated Cost of Generation - Jan 2025 (Mn LKR)

Major Hydro	688	Mn LKR
Thermal - Coal	5,837	Mn LKR
Thermal - Furnace Oil	4,204	Mn LKR
Thermal - Diesel	389	Mn LKR
Thermal - Naphtha	2,811	Mn LKR
Wind - CEB	376	Mn LKR
Wind - IPP	230	Mn LKR
Solar - IPP - Ground Mounted	188	Mn LKR
Solar - Roof Top	1,366	Mn LKR
Mini Hydro	844	Mn LKR
Municipal Solid Waste	215	Mn LKR
Total Generation Cost	17,148	Mn LKR

Generation Energy Cost (Jan)	13,206	Mn LKR
*Generation Capacity Cost (Jan)	3,219	Mn LKR
Other Cost (Jan)	724	Mn LKR
Average Unit Cost of Generation (Jan)	21.59	LKR/kWh

Note -
* Capacity cost is based on the approved BST submission.