

## Primary Energy Balance for FY 2023

	Natural Gas	Coal	Oil			Nuclear	Primary Electricity (Incl Import)			Electricity	Total
			Condensate, NGL	Crude Oil	Petroleum Product		Hydro	RE	Cross-Border		
	(M toe)	(M toe)	(M toe)	(M toe)	(M toe)	(M toe)	(M toe)	(M toe)	(M toe)	(M toe)	(M toe)
<b>I. Supply</b>											
Primary Production	19.145	0.468	0.879			0	0.052	0.063			20.608
Imports	4.857	3.637		1.567	9.574				0.896		20.531
Exports			0		0						0.000
International Aviation Bunkers					-0.427						-0.427
International Marine Bunkers					-0.018						-0.018
Stock Changes		-0.110		-0.11	0.249						0.031
<b>Total Primary Energy Supplu: TPES</b>	<b>24.002</b>	<b>3.995</b>	<b>0.879</b>	<b>1.459</b>	<b>9.378</b>	<b>0.000</b>	<b>0.052</b>	<b>0.063</b>	<b>0.896</b>		<b>40.725</b>
	58.9%	9.8%	2.2%	3.6%	23.0%	0.00%	0.1%	0.2%	2.2%		100.0%
<b>II. Transformation</b>											
Refinery			-0.879	-1.46	2.012						-0.327
Losses in Distribution (NG & Coal)	-1.681	0.000									-1.681
Primary Energy to Thermal P.S	-13.255	-2.416			-4.220					19.891	0.000
Nuclear and Primary Electricity						0.000	-0.052	-0.063	-0.896	1.012	0.000
<b>Primary Energy Available for Consumption in Sectors and Electricity Generation</b>	<b>9.066</b>	<b>1.579</b>			<b>7.169</b>					<b>20.903</b>	<b>38.718</b>
Transformation at Power Station: Thermal loss incl. own use										-11.92	-11.92
T&D Losses (Electricity)										-0.79	-0.79
Electricity for Final Consumption (Incl Captive)										8.192	
<b>Energy Available for Consumptio</b>	<b>9.066</b>	<b>1.579</b>			<b>7.169</b>					<b>8.192</b>	<b>26.007</b>
<b>III. Total Final Consumption (TFC)</b>											
Residential	2.41				1.26					3.80	7.46
Commercial	0.14				0.27					0.88	1.29
Industrial	4.30	1.58			0.43					3.28	9.60
Transportation	1.01				3.90					0.06	4.97
Irrigation					1.16					0.18	1.34
Non-Energy	1.20				0.17						1.37
<b>Total Final Consumption (TFC)</b>	<b>9.066</b>	<b>1.579</b>			<b>7.193</b>					<b>8.192</b>	<b>26.031</b>
Percentage of Total	35%	6%			28%					31%	100%
Statistical Differences					-0.024						-0.024

Note:

- 1) Bangladesh's own data used for primary energy equivalent conversions and CO2 emission calculations.

## Summary

1	Energy dependence in FY 2023	49.87%							
2	Share of Electricity in TPES	53.92%							
3	Share of Clean Energy in TPES	2.48%							
4	<b>Table: Primary Energy Supply by Fuel and Electricity</b>								
		Gas	Coal	Oil	Nuclear	Electricity	Total		
	FY 2023	9.75	1.58	7.44	0.00	21.96	40.725		
		24.00	3.99	11.72	0.00	1.01	40.7254		
5	<b>Table: Primary Energy Supply by Sectors</b>								
		Res	Comm	Industry	Transp	Irrigati	Non-Ene	Total	
	FY 2023	13.72	2.71	15.84	5.31	1.67	1.47	40.725	
		34%	7%	39%	13%	4%	4%		
6	<b>Table: Total Final Energy Consumption by Sectors</b>								
		Res	Comm	Industry	Transp	Irrigati	Non-Ene	Total	
	FY 2023	7.46	1.29	9.60	4.97	1.34	1.37	26.031	
		29%	5%	37%	19%	5%	5%		
	Per Cap	44	8	56	29	8	8	152	
7	<b>Table: CO2 Emission by Fuel Sources</b>								
		Gas	Coal	Petroleum	Electricity		Total		
	FY 2023	17.76	6.11	21.34	54.80		99.996		
		47.67	17.08	35.25			99.996		
8	<b>Table: CO2 Emission by Sectors</b>								
		Res	Comm	Industry	Transport	Irrigati	Non-Ener	Total	
	FY 2023	34.52	7.02	38.88	14.77	4.80	0.00	99.996	
Per Cap TPES-Ton		Ene Inte toe/ M \$		Emission Inten ton/ M \$		Per Cap Emis-Ton		Grid Emis kg/kWh	
<b>0.238</b>		<b>126</b>		<b>309</b>		<b>0.585</b>		<b>0.588</b>	
		<b>1.269</b>		<b>3.115</b>				<b>0.598</b>	
		toe/M Tk		ton/M Tk				Fossil Fuel only	

## Primary Fuel Data: FY 2023

NG		Coal		Liquid Fuel					Non Fossil			
Prod.	Import	Prod.	Import	Prod.	Crude Im	Peto Im	FO Im	LPG Im	Nuke	Hydro	RE	Electric. Im
tcf	tcf	M Ton	M Ton	M Ton	M Ton	M Ton	M Ton	M Ton	M kWh	M kWh	M kWh	M kWh
0.800	0.203	0.767	7.103	0.870	1.551	5.317	2.896	1.279	0	610	730	10425