

## Primary Energy Balance for FY 2022

	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	20.107	0.298	0.707				0.064	0.032			21.207
Imports	5.757	3.249		1.380	10.766	0.000			0.663		21.815
Exports			0.000		0.000						0.000
International Aviation Bunkers					-0.378						-0.378
International Marine Bunkers					-0.032						-0.032
Stock Changes		0.165		0.014	0.015						0.194
<b>Total Primary Energy Supplu: TPES</b>	<b>25.86</b>	<b>3.71</b>	<b>0.71</b>	<b>1.393</b>	<b>10.37</b>	<b>0.00</b>	<b>0.06</b>	<b>0.03</b>	<b>0.66</b>		<b>42.806</b>
	60.4%	8.7%	1.7%	3.3%	24.2%	0.00%	0.1%	0.1%	1.5%		100.0%
<b>II. Transformation</b>											
Refinery			-0.71	-1.39	1.78						-0.32
Losses in Distribution (NG & Coal)	-1.893	0.00									-1.89
Primary Energy to Thermal P.S	-13.83	-1.34			-4.77					19.948	0.00
Nuclear and Primary Electricity						0.00	-0.06	-0.03	-0.66	0.759	0.00
<b>Primary Energy Available for Consumption in Sectors and Electricity Generation</b>	<b>10.141</b>	<b>2.368</b>			<b>7.378</b>					<b>20.707</b>	<b>40.594</b>
Transformation at Power Station: Thermal loss incl. own use										-11.87	-11.87
T&D Losses (Electricity)										-0.77	-0.77
Electricity for Final Consumption (Incl Captive)										8.06	
<b>Energy Available for Consumptio</b>	<b>10.141</b>	<b>2.368</b>			<b>7.378</b>					<b>8.065</b>	<b>27.951</b>
<b>III. Total Final Consumption (TFC)</b>											
Residential	3.06				1.51					3.70	8.27
Commercial	0.14				0.30					0.83	1.27
Industrial	4.60	2.37			0.40					3.35	10.72
Transportation	0.89				3.94					0.04	4.88
Irrigation					1.17					0.14	1.31
Non-Energy	1.45				0.16						1.61
<b>Total Final Consumption (TFC)</b>	<b>10.141</b>	<b>2.368</b>			<b>7.485</b>					<b>8.065</b>	<b>28.057</b>
Percentage of Total	36%	8%			27%					29%	100%
Statistical Differences					-0.106						-0.106

Note:

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

## Summary

1	Energy dependence in FY 2022	50.48%							
2	Share of Electricity in TPES	50.99%							
3	Share of Clean Energy in TPES	1.77%							
4	<b>Table: Primary Energy Supply by Fuel and Electricity</b>								
		Gas	Coal	Oil	Nuclear	Electricity	Total		
	FY 2022	10.94	2.37	7.67	0.00	21.83	42.806		
		25.86	3.71	12.47	0.00	0.76	42.8060		
5	<b>Table: Primary Energy Supply by Sectors</b>								
		Res	Comm	Industry	Transp	Irrigati	Non-Ene	Total	
	FY 2022	14.51	2.63	17.22	5.15	1.58	1.72	42.806	
		34%	6%	40%	12%	4%	4%		
6	<b>Table: Total Final Energy Consumption by Sectors</b>								
		Res	Comm	Industry	Transp	Irrigati	Non-Ene	Total	
	FY 2022	8.27	1.27	10.72	4.88	1.31	1.61	28.057	
		29%	5%	38%	17%	5%	6%		
	Per Cap	48	7	63	28	8	9	164	
7	<b>Table: CO2 Emission by Fuel Sources</b>								
		Gas	Coal	Petroleum	Electricity		Total		
	FY 2022	19.63	9.15	22.19	53.15		104.12		
		50.84	15.22	38.06			104.12		
8	<b>Table: CO2 Emission by Sectors</b>								
		Res	Comm	Industry	Transport	Irrigati	Non-Ener	Total	
	FY 2022	35.59	6.70	42.73	14.51	4.58	0.00	104.12	
Per Cap TPES-Ton		Ene Inte toe/ M \$		Emission Inten ton/ M \$		Per Cap Emis-Tor		Grid Emis kg/kWh	
<b>0.250</b>		<b>122</b>		<b>296</b>		<b>0.608</b>		<b>0.560</b>	
		<b>1.410</b>		<b>3.431</b>				<b>0.568</b>	
		toe/M Tk		ton/M Tk				Fossil Fuel only	

### Primary Fuel Data: FY 2022

NG		Coal		Liquid Fuel					Non Fossil			
Prod.	Import	Prod.	Import	Prod.	Crude Im	Peto Im	FO Im	LPG Im	Nuke	Hydro	RE	Electri. Imp
tcf	tcf	M Ton	M Ton	M Ton	M Ton	M Ton	M Ton	M Ton	M kWh	M kWh	M kWh	M kWh
0.840	0.240	0.488	6.140	0.700	1.366	5.142	4.035	1.531	0	744	374	7712