

Primary Energy Balance for FY 2021

	Natural Gas	Coal	Oil			Nuclear	Primary Electricity (Incl Import)			Electricity	Total
	(M toe)	(M toe)	Condensate, NGL	Crude Oil	Petroleum Product	(M toe)	Hydro	RE	Cross-Border	(M toe)	(M toe)
I. Supply											
Primary Production	21.28	0.46	0.55				0.056	0.018			22.365
Imports	5.17	3.58		1.449	8.74	0.00			0.697		19.641
Exports			0.00		-0.0191						-0.019
International Aviation Bunkers					-0.1945						-0.195
International Marine Bunkers					-0.0135						-0.014
Stock Changes		-0.10		0.084	0.2433						0.225
Total Primary Energy Supply: TPES	26.46	3.94	0.55	1.533	8.76	0.00	0.06	0.02	0.70		42.004
	63.0%	9.4%	1.3%	3.6%	20.8%	0.00%	0.1%	0.0%	1.7%		100.0%
II. Transformation											
Refinery			-0.55	-1.53	1.97						-0.11
Losses in Distribution (NG & Coal)	-2.10	0.00									-2.10
Primary Energy to Thermal P.S	-14.24	-1.26			-3.56					19.06	0.00
Nuclear and Primary Electricity						0.00	-0.06	-0.02	-0.70	0.77	0.00
Primary Energy Available for Consumption in Sectors and Electricity Generation	10.12	2.68			7.17					19.83	39.80
Transformation at Power Station: Thermal loss incl. own use										-11.49	-11.49
T&D Losses (Electricity)										-0.77	-0.77
Electricity for Final Consumption (Incl Captive)										7.56	
Energy Available for Consumption	10.12	2.68			7.17					7.56	27.53
III. Total Final Consumption (TFC)											
Residential	3.21				1.42					3.47	8.10
Commercial	0.14				0.30					0.75	1.20
Industrial	4.38	2.68			0.47					3.16	10.69
Transportation	0.84				3.83					0.03	4.70
Irrigation					0.99					0.15	1.14
Non-Energy	1.55				0.19						1.74
Total Final Consumption (TFC)	10.12	2.68			7.21					7.56	27.58
Percentage of Total	37%	10%			26%					27%	100%
Statistical Differences					-0.046						-0.046

Note:

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

Summary

1	Energy dependence in FY 2021	46.48%							
2	Share of Electricity in TES	50.14%							
3	Share of Clean Energy in TES	1.83%							
4	Table: Primary Energy Supply by Fuel and Electricity								
		Gas	Coal	Oil	Nuclear	Electricity	Total		
	FY 2021	10.99	2.68	7.27		21.06	42.004		
		26.46	3.94	10.84	0.00	0.77	42.004		
5	Table: Primary Energy Supply by Sectors								
		Res	Comm	Industry	Transp	Irrigati	Non-Ene	Total	
	FY 2021	14.31	2.50	17.04	4.87	1.41	1.87	42.004	
		34%	6%	41%	12%	3%	4%		
6	Table: Total Final Energy Consumption by Sectors								
		Res	Comm	Industry	Transp	Irrigati	Non-Ene	Total	
	FY 2021	8.10	1.20	10.69	4.70	1.14	1.74	27.577	
		29%	4%	39%	17%	4%	6%		
	Per Cap	48	7	63	28	7	10	163	
7	Table: CO2 Emission by Fuel Sources								
		Gas	Coal	Petroleum	Electricity		Total		
	FY 2021	19.35	10.37	21.29	49.67		100.67		
		51.49	16.07	33.12			100.673		
8	Table: CO2 Emission by Sectors								
		Res	Comm	Industry	Transport	Irrigati	Non-Ener	Total	
	FY 2021	34.09	6.19	42.357	13.98	4.06	0.00	100.67	
Per Cap TPES-Ton		Energy Inte toe/M \$		Emission Inten ton/M \$		Per Cap Emis-Tor		Grid Emis kg/kWh	
0.248		126		301		0.595		0.560	
		1.482		3.552				0.567	
		toe/M Tk		ton/M Tk				Fossil Fuel only	

Primary Fuel Data: FY 2021

NG		Coal		Liquid Fuel					Non Fossil			
Prod.	Import	Prod.	Import	Prod.	Crude Im	Peto Im	FO Im	LPG Im	Nuke	Hydro & RE	RE	Elec 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
0.889	0	0.754	6.751	0.543	1.434	4.223	3.015	1.428	0	655	204	6674