

Primary Energy Balance for FY 2020

	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)
I. Supply											
Primary Production	21.130	0.495	0.760				0.071	0.009			22.464
Imports	4.857	3.718		1.164	6.527	0.000			0.574		16.840
Exports			0.00		0.000						0.000
International Aviation Bunkers					-0.303						-0.303
International Marine Bunkers					0.000						0.000
Stock Changes		0.00		-0.090	-0.131						-0.219
Total Primary Energy Supplu: TPES	25.99	4.22	0.76	1.074	6.09	0.00	0.07	0.01	0.57		38.783
	67.0%	10.9%	2.0%	2.8%	15.7%	0.00%	0.2%	0.0%	1.5%		100.0%
II. Transformation											
Refinery			-0.76	-1.07	1.55						-0.29
Losses in Distribution (NG & Coal)	-2.18	0.00									-2.18
Primary Energy to Thermal P.S	-14.54	-0.75			-1.89					17.19	0.00
Nuclear and Primary Electricity						0.00	-0.07	-0.01	-0.57	0.65	0.00
Primary Energy Available for Consumption in Sectors and Electricity Generation	9.263	3.465			5.749					17.841	36.317
Transformation at Power Station: Thermal loss incl. own use										-10.43	-10.43
T&D Losses (Electricity)										-0.70	-0.70
Electricity for Final Consumption (Incl Captive)										6.72	
Energy Available for Consumptio	9.263	3.465			5.749					6.718	25.195
III. Total Final Consumption (TFC)											
Residential	3.18				0.88					3.11	7.17
Commercial	0.16				0.16					0.71	1.03
Industrial	3.76	3.47			0.44					2.77	10.43
Transportation	0.86				3.31					0.00	4.17
Irrigation					1.01					0.13	1.14
Non-Energy	1.31				0.11						1.41
Total Final Consumption (TFC)	9.263	3.465			5.900					6.718	25.346
Percentage of Total	37%	14%			23%					27%	100%
Statistical Differences					-0.152						-0.152

Note:

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

Summary

1	Energy dependence in FY 2020	43.09%					
2	Share of Electricity in TES	49.46%					
3	Share of Clean Energy in TES	1.69%					
4	Table: Primary Energy Supply by Fuel and Electricity						
	Gas	Coal	Oil	Nuclear	Electricity	Total	
	FY 2020	10.11	3.47	6.03		19.18	38.783
		25.99	4.22	7.93	0.00	0.65	38.783
5	Table: Primary Energy Supply by Sectors						
	Res	Comm	Industry	Transp	Irrigati	Non-Ene	Total
	FY 2020	13.03	2.31	16.17	4.34	1.40	1.53
		34%	6%	42%	11%	4%	4%
6	Table: Total Final Energy Consumption by Sectors						
	Res	Comm	Industry	Transp	Irrigati	Non-Ene	Total
	FY 2020	7.17	1.03	10.43	4.17	1.14	1.41
		28%	4%	41%	16%	4%	6%
	Per Cap	43	6	62	25	7	8
							151
7	Table: CO2 Emission by Fuel Sources						
	Gas	Coal	Petroleum	Electricity	Total		
	FY 2020	17.96	13.40	17.69	42.25		91.292
		50.78	16.54	23.97			91.292
6	Table: CO2 Emission by Sectors						
	Res	Comm	Industry	Transport	Irrigati	Non-Ener	Total
	FY 2020	29.08	5.25	40.81	12.21	3.95	0.00
							91.292
Per Cap TPES-Ton		Energy Inte toe/M \$	Emission Inten ton/M \$	Per Cap Emis-Ton	Grid Emis kg/kWh		
0.232		124	292	0.545	0.526		
		1.463	3.445		0.533		
		toe/M Tk	ton/M Tk		Fossil Fuel only		

Primary Fuel Data: FY 2020

NG		Coal		Liquid Fuel					Non Fossil			
Prod.	Import	Prod.	Import	Prod.	Crude Im	Peto Im	FO Im	LPG Im	Nuke	Hydro	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
0.883	0	0.811	6.828	0.753	1.152	4.041	1.577	0.835	0	825	103	6674