

Primary Energy Balance for FY 2019

	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	23.02	0.49	0.81				0.062	0.006			24.392
Imports	2.77	3.16		1.376	6.95	0.00			0.583		14.845
Exports			0.00		-0.037						-0.037
International Aviation Bunkers					-0.382						-0.382
International Marine Bunkers					0.000						0.000
Stock Changes		-0.14		0.029	0.469						0.354
Total Primary Energy Supply: TPES	25.80	3.51	0.81	1.405	7.00	0.00	0.06	0.01	0.58		39.173
	65.9%	9.0%	2.1%	3.6%	17.9%	0.00%	0.2%	0.0%	1.5%		100.0%
II. Transformation											
Refinery			-0.81	-1.40	1.92						-0.29
Losses in Distribution (NG & Coal)	-0.86	0.00									-0.86
Primary Energy to Thermal P.S	-14.56	-0.35			-2.68					17.59	0.00
Nuclear and Primary Electricity						0.00	-0.06	-0.01	-0.58	0.65	0.00
Primary Energy Available for Consumption in Sectors and Electricity Generation	10.38	3.16			6.25					18.24	38.03
Transformation at Power Station: Thermal loss incl. own use										-10.85	-10.85
T&D Losses (Electricity)										-0.73	-0.73
Electricity for Final Consumption (Incl Captive)										6.65	
Energy Available for Consumption	10.38	3.16			6.25					6.65	26.44
III. Total Final Consumption (TFC)											
Residential	3.80				0.77					2.84	7.41
Commercial	0.19				0.19					0.76	1.14
Industrial	3.96	3.16			0.40					2.90	10.42
Transportation	1.04				3.35					0.00	4.39
Irrigation					1.09					0.15	1.24
Non-Energy	1.38				0.14						1.52
Total Final Consumption (TFC)	10.38	3.16			5.94					6.65	26.14
Percentage of Total	40%	12%			23%					25%	100%
Statistical Differences					0.305						0.305

Note:

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

Summary

1	Energy dependence in FY 2019	37.438%					
2	Share of Electricity in TES	48.10%					
3	Share of Clean Energy in TES	1.66%					
4	Table: Primary Energy Supply by Fuel and Electricity						
	Gas	Coal	Oil	Nuclear	Electricity	Total	
	FY 2019	10.73	3.16	6.43		18.84	39.173
		25.80	3.51	9.21	0.00	0.65	39.173
5	Table: Primary Energy Supply by Sectors						
	Res	Comm	Industry	Transp	Irrigati	Non-Ene	Total
	FY 2019	12.68	2.53	16.02	4.76	1.61	39.173
		32%	6%	41%	12%	4%	4%
6	Table: Total Final Energy Consumption by Sectors						
	Res	Comm	Industry	Transp	Irrigati	Non-Ene	Total
	FY 2019	7.41	1.14	10.42	4.39	1.24	26.136
		28%	4%	40%	17%	5%	6%
	Per Cap	45	7	63	27	8	158
7	Table: CO2 Emission by Fuel Sources						
	Gas	Coal	Petroleum	Electricity	Total		
	FY 2019	20.30	12.24	17.77	43.03	93.339	
		53.17	13.62	26.55		93.339	
8	Table: CO2 Emission by Sectors						
	Res	Comm	Industry	Transport	Irrigati	Non-Ener	Total
	FY 2019	29.16	5.93	41.14	12.75	4.36	93.339
Per Cap TPES-Ton		Energy Inte toe/M \$	Emission Inten ton/M \$	Per Cap Emis-Ton	Grid Emis kg/kWh		
0.237		128	306	0.564	0.541		
		1.529	3.644		0.548		
		toe/M Tk	ton/M Tk		Fossil Fuel only		

Primary Fuel Data: FY 2019												
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
0.962	0	0.806	5.754	0.801	1.362	4.601	1.597	0.681	0	725	69	6786