

## Primary Energy Balance for FY 2017

	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	23.203	0.708	0.784				0.084	0.001			24.780
Imports	0.000	1.541		1.406	5.604	0			0.400		8.951
Exports			0.00		-0.111						-0.111
International Aviation Bunkers					-0.341						-0.341
International Marine Bunkers					0.000						0.000
Stock Changes		-0.072		-0.026	-0.116						-0.214
<b>Total Primary Energy Supply: TPES</b>	<b>23.20</b>	<b>2.18</b>	<b>0.78</b>	<b>1.380</b>	<b>5.04</b>	<b>0.00</b>	<b>0.08</b>	<b>0.00</b>	<b>0.40</b>		<b>33.066</b>
	70.2%	6.6%	2.4%	4.2%	15.2%	0.00%	0.3%	0.0%	1.2%		100.0%
<b>II. Transformation</b>											
Refinery			-0.78	-1.38	1.93						-0.23
Losses in Distribution (NG & Coal)	0.43	0.00									0.43
Primary Energy to Thermal P.S	-13.50	-0.36			-2.20					16.07	0.00
Nuclear and Primary Electricity						0.00	-0.08	0.00	-0.40	0.49	0.00
<b>Primary Energy Available for Consumption in Sectors and Electricity Generation</b>	<b>10.13</b>	<b>1.82</b>			<b>4.77</b>					<b>16.55</b>	<b>33.27</b>
Transformation at Power Station: Thermal loss incl. own use										-10.28	-10.28
T&D Losses (Electricity)										-0.60	-0.60
Electricity for Final Consumption (Incl Captive)										5.67	
<b>Energy Available for Consumption</b>	<b>10.132</b>	<b>1.817</b>			<b>4.766</b>					<b>5.667</b>	<b>22.382</b>
<b>III. Total Final Consumption (TFC)</b>											
Residential	3.70				0.47					2.17	6.34
Commercial	0.21				0.05					0.49	0.74
Industrial	3.93	1.82			0.38					2.88	9.00
Transportation	1.12				2.70					0.00	3.83
Irrigation					0.92					0.13	1.05
Non-Energy	1.18				0.11						1.28
<b>Total Final Consumption (TFC)</b>	<b>10.132</b>	<b>1.817</b>			<b>4.630</b>					<b>5.667</b>	<b>22.246</b>
Percentage of Total	46%	8%			21%					25%	100%
Statistical Differences					0.136						0.136

Note:

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

## Summary

1	Energy dependence in FY 2017	26.46%							
2	Share of Electricity in TES	49.57%							
3	Share of Clean Energy in TES	1.47%							
4	<b>Table: Primary Energy Supply by Fuel and Electricity</b>								
		Gas	Coal	Oil	Nuclear	Electricity	Total		
	FY 2017	9.95	1.82	4.91		16.39	<b>33.066</b>		
		23.20	2.18	7.20	0.00	0.49	<b>33.066</b>		
5	<b>Table: Primary Energy Supply by Sectors</b>								
		Res	Comm	Industry	Transp	Irrigati	Non-Ene	Total	
	FY 2017	10.44	1.68	14.32	3.99	1.37	1.26	<b>33.066</b>	
		32%	5%	43%	12%	4%	4%		
6	<b>Table: Total Final Energy Consumption by Sectors</b>								
		Res	Comm	Industry	Transp	Irrigati	Non-Ene	Total	
	FY 2017	6.34	0.74	9.00	3.83	1.05	1.28	<b>22.246</b>	
		28%	3%	40%	17%	5%	6%		
	Per Cap	39	5	56	24	7	8	138	
7	<b>Table: CO2 Emission by Fuel Sources</b>								
		Gas	Coal	Petroleum	Electricity		Total		
	FY 2017	20.21	7.05	13.94	39.06		<b>80.259</b>		
		50.69	8.48	21.09			80.259		
8	<b>Table: CO2 Emission by Sectors</b>								
		Res	Comm	Industry	Transport	Irrigati	Non-Ener	Total	
	FY 2017	24.95	4.03	36.54	10.93	3.80	0.00	<b>80.259</b>	
Per Cap TPES-Ton		Energy Inte toe/M \$		Emission Inten ton/M \$		Per Cap Emis-Ton		Grid Emis kg/kWh	
<b>0.204</b>		<b>118</b>		<b>287</b>		<b>0.496</b>		<b>0.577</b>	
		<b>1.494</b>		<b>3.627</b>				<b>0.588</b>	
		toe / Mtk		ton/ Mtk				Fossil Fuel Only	

## Primary Fuel Data: FY 2017

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
0.969	0	1.161	2.801	0.776	1.392	4.393	0.844	0.307	0	982	11	4656