

## Primary Energy Balance for FY 2018

	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	23.190	0.563	0.787				0.088	0.002			24.631
Imports	0	1.867		1.186	7.414	0			0.411		10.878
Exports			0		-0.019						-0.019
International Aviation Bunkers					-0.363						-0.363
International Marine Bunkers					0.000						0.000
Stock Changes		0.104		0.025	-0.661						-0.532
<b>Total Primary Energy Supplu: TPES</b>	<b>23.19</b>	<b>2.53</b>	<b>0.79</b>	<b>1.21</b>	<b>6.37</b>	<b>0.00</b>	<b>0.09</b>	<b>0.00</b>	<b>0.41</b>		<b>34.594</b>
	67.0%	7.3%	2.3%	3.5%	18.4%	0.00%	0.3%	0.0%	1.2%		100.0%
<b>II. Transformation</b>											
Refinery			-0.79	-1.21	1.77						-0.23
Losses in Distribution (NG & Coal)	0.32	0.00									0.32
Primary Energy to Thermal P.S	-13.39	-0.50			-3.10					16.99	0.00
Nuclear and Primary Electricity						0.00	-0.09	0.00	-0.41	0.50	0.00
<b>Primary Energy Available for Consumption in Sectors and Electricity Generation</b>	<b>10.12</b>	<b>2.03</b>			<b>5.04</b>					<b>17.49</b>	<b>34.69</b>
Transformation at Power Station: Thermal loss incl. own use										-10.75	-10.75
T&D Losses (Electricity)										-0.65	-0.65
Electricity for Final Consumption (Incl Captive)										6.08	
<b>Energy Available for Consumptio</b>	<b>10.122</b>	<b>2.034</b>			<b>5.041</b>					<b>6.083</b>	<b>23.280</b>
<b>III. Total Final Consumption (TFC)</b>											
Residential	3.78				0.66					2.49	6.93
Commercial	0.20				0.11					0.54	0.84
Industrial	4.01	2.03			0.35					2.93	9.32
Transportation	1.11				3.09					0.00	4.20
Irrigation					1.11					0.12	1.23
Non-Energy	1.03				0.13						1.15
<b>Total Final Consumption (TFC)</b>	<b>10.122</b>	<b>2.034</b>			<b>5.442</b>					<b>6.083</b>	<b>23.681</b>
Percentage of Total	43%	9%			23%					26%	100%
Statistical Differences					-0.401						-0.401

Note:

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

## Summary

1	Energy dependence in FY 2018	<b>31.063%</b>					
2	Share of Electricity in TES	<b>49.90%</b>					
3	Share of Clean Energy in TES	<b>1.45%</b>					
4	<b>Table: Primary Energy Supply by Fuel and Electricity</b>						
	Gas	Coal	Oil	Nuclear	Electricity	Total	
	FY 2018	9.98	2.03	5.31		17.26	<b>34.594</b>
		23.19	2.53	8.37	0.00	0.50	<b>34.594</b>
5	<b>Table: Primary Energy Supply by Sectors</b>						
	Res	Comm	Industry	Transp	Irrigati	Non-Ene	Total
	FY 2018	11.48	1.83	14.62	4.10	1.43	<b>34.594</b>
		33%	5%	42%	12%	4%	3%
6	<b>Table: Total Final Energy Consumption by Sectors</b>						
	Res	Comm	Industry	Transp	Irrigati	Non-Ene	Total
	FY 2018	6.93	0.84	9.32	4.20	1.23	<b>23.681</b>
		29%	4%	39%	18%	5%	5%
	Per Cap	42	5	57	26	8	145
7	<b>Table: CO2 Emission by Fuel Sources</b>						
	Gas	Coal	Petroleum	Electricity	Total		
	FY 2018	20.52	7.88	16.32	42.27	<b>86.992</b>	
		50.74	9.87	26.39		<b>86.992</b>	
8	<b>Table: CO2 Emission by Sectors</b>						
	Res	Comm	Industry	Transport	Irrigati	Non-Ener	Total
	FY 2018	28.10	4.58	37.92	12.09	4.31	<b>86.992</b>
Per Cap TPES-Ton		Energy Inte toe/M \$	Emission Inten ton/M \$	Per Cap Emis-Ton	Grid Emis kg/kWh		
<b>0.211</b>		<b>120</b>	<b>301</b>	<b>0.532</b>	<b>0.580</b>		
		<b>1.457</b>	<b>3.663</b>		<b>0.591</b>		
		toe/M Tk	ton/M Tk		Fossil Fuel only		

### Primary Fuel Data: FY 2018

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	0.923	3.395	0.779	1.174	5.543	1.250	0.538	0	1024	24	4783